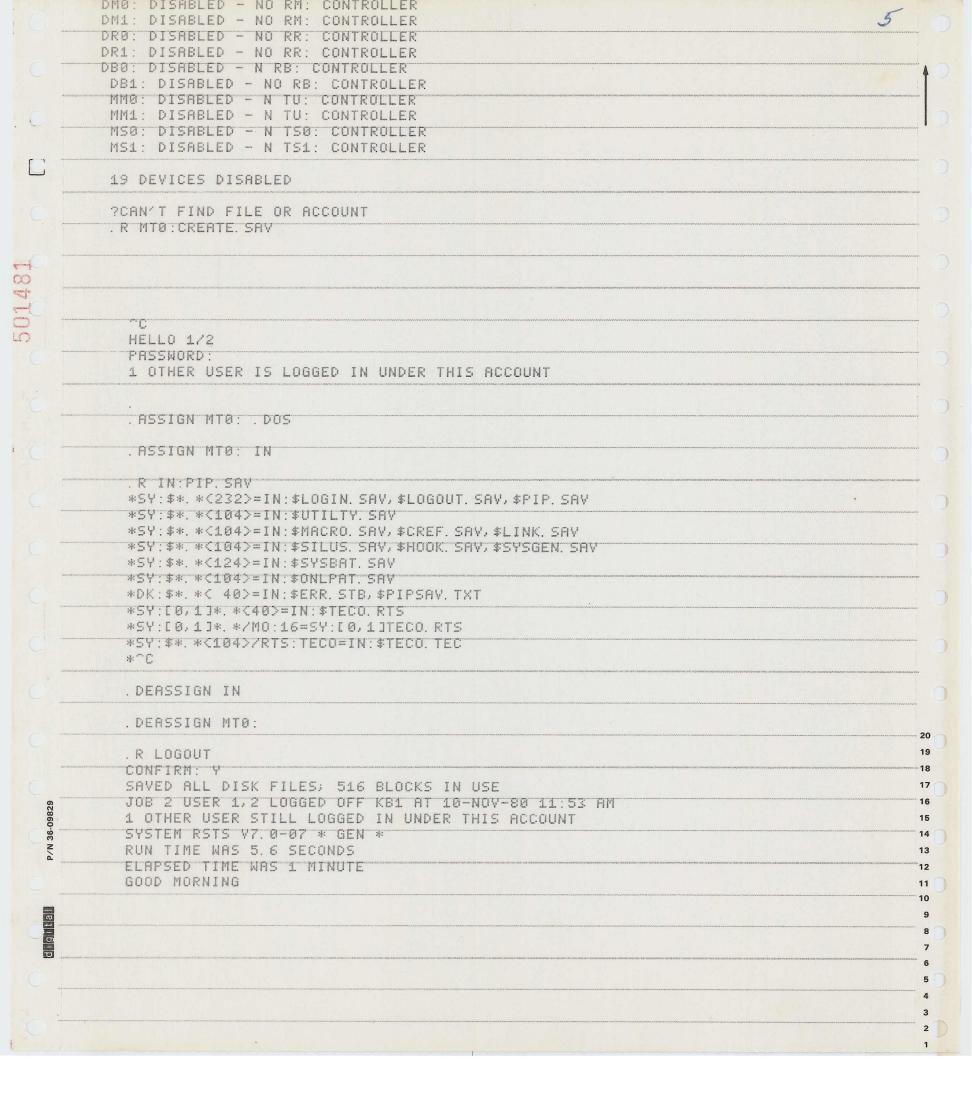ENABLING ONLY CONSOLE, DISKS, AND TAPES.

RSTS V7.0 (MT0)

OPTION: DSKINT

10-NOV-80?
09:59 AM? 10:14 AM

DISK? DP
UNIT? 0
PACK ID? NIKA
PACK CLUSTER SIZE? 2
SATT.SYS BASE?
MFD PASSWORD? MFDLIB
MFD CLUSTER SIZE? 16
PRE-EXTEND DIRECTORIES <NO>? YES
PUB, PRI, OR SYS? SYS
LIBRARY PASSWORD? SYSLIB
LIBRARY UFD CLUSTER SIZE? 16
LIBRARY ACCOUNT BASE?
DATE LAST MODIFIED <YES>?
NEW FILES FIRST <NO>?
FORMAT <NO>? YES
PATTERNS? 8
PROCEED (Y OR N)? Y
STARTING FORMAT PASS
SET FORMAT ENABLE SWITCH, THEN TYPE <LF>:
SET FORMAT SWITCH TO NORMAL, THEN TYPE <LF>:
END FORMAT PASS

PATTERN # 8
PATTERN # 7
PATTERN # 6
PATTERN # 5
PATTERN # 4
PATTERN # 3
PATTERN # 2

DP0 ERROR	RPDS	RPER	RPCS	RPWC	RPBA	RPCA	RPDA
	160001	000150	100206	177440	075100	000216	007105

RECOVERABLE

PATTERN # 1

OPTION: COPY

10-NOV-80?
11:43 AM?

TO WHICH DISK? DP0:

ENABLING ONLY CONSOLE, DISKS, AND TAPES.

RSTS V7.0 (DP0)

OPTION: IN

SIL? SYSGEN
  REBOOTING . . .

```
RSTS V7.0 (DP0)


OPTION: HARD LIST\T\T

   NAME   ADDRESS VECTOR  COMMENTS
   TT:     177560  060
   RP:     176700  254    RP03 UNITS: 0 1
   TM:     172520  224
   LP0:    177514  200
   DM0:    170500  300    DH0
   DH0:    160020  310


   KW11L  177546   100
   SR     177570
DR     177570

RTZ = 60.

   OTER: SL


OPTION: REF

10-NOV-80?
11:45 AM?

DISK?

CLEAN?

   REFRESH SUBOPTION? LIST

   FILE              FILE           CURRENT  MINIMUM   START
   NAME    REQUIRED? FLAGS STATUS   SIZE     SIZE      LBN

SYSTEM FILES:

   SWAP  .SYS   YES           CRE            64
   SWAP0 .SYS   NO            OK
   SWAP1 .SYS   NO            OK
   SWAP3 .SYS   NO            OK
   OVR   .SYS   NO            OK             58
   ERR   .SYS   NO            OK             16
   BUFF  .SYS   NO            OK
   CRASH .SYS   NO          . OK             24

OTHERS:

   BADB  .SYS        NOD            0
   SATT  .SYS        NOD CTG        10            39992
   INIT  .SYS        NOD CTG        419
   ERR   .ERR            CTG        16            646
   SYSGEN.SIL        NOD CTG        205
   RT11  .RTS            CTG        20            868


   REFRESH SUBOPTION? CHANGE

   SWAP.SYS CHANGES? Y

   SIZE? 15*31K
```

```
        BASE? 35

   SWAP0.SYS CHANGES? ^Z

   REFRESH SUBOPTION? CHANGE

   SWAP.SYS CHANGES? Y

      SIZE? 15*31K

      BASE? 38000

   SWAP0.SYS CHANGES?

   SWAP1.SYS CHANGES?

   SWAP3.SYS CHANGES?

   OVR.SYS CHANGES?

   ERR.SYS CHANGES?

   BUFF.SYS CHANGES?

   CRASH.SYS CHANGES? Y

      SIZE? 50

      BASE?

   OTHER FILES?

   REFRESH SUBOPTION? LIST
```

FILE NAME	REQUIRED?	FILE FLAGS	STATUS	CURRENT SIZE	MINIMUM SIZE	START LBN
SYSTEM FILES:						
SWAP .SYS	YES	NOD CTG	OK	1860	64	38000
SWAP0 .SYS	NO		OK			
SWAP1 .SYS	NO		OK			
SWAP3 .SYS	NO		OK			
OVR .SYS	NO		OK		58	
ERR .SYS	NO		OK		16	
BUFF .SYS	NO		OK			
CRASH .SYS	NO	NOD CTG	OK	50	24	888
OTHERS:						
BADB .SYS		NOD		0		
SATT .SYS		NOD CTG		10		39992
INIT .SYS		NOD CTG		419		
ERR .ERR		CTG		16		646
SYSGEN.SIL		NOD CTG		205		
RT11 .RTS		CTG		20		868

```
   REFRESH SUBOPTION? EXIT


OPTION: DEF

NO DEFAULTS ARE CURRENTLY SET IN SYSGEN.SIL
```

20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1

```
      YOU CURRENTLY HAVE: JOB MAX = 2, SWAP MAX = 16K.

   JOB MAX OR SWAP MAX CHANGES? Y

     NEW JOB MAX?

     NEW SWAP MAX? 28

   YOU CURRENTLY HAVE: JOB MAX = 2, SWAP MAX = 28K.

   JOB MAX OR SWAP MAX CHANGES?

   RUN TIME SYSTEM? RT11

   ERROR MESSAGE FILE? ERR

   INSTALLATION NAME? * GEN *

     MEMORY ALLOCATION TABLE:

       0K: 00000000 - 00127777 (  22K) : EXEC
      22K: 00130000 - 00147777 (   4K) : RTS (RT11)
      26K: 00150000 - 00757777 (  98K) : USER
     124K: 00760000 - END                : NXM


     TABLE SUBOPTION? EXIT

   YOU CURRENTLY HAVE CRASH DUMP DISABLED.

   CRASH DUMP? Y

   MAGTAPE LABELLING DEFAULT <NONE>? DOS

   PREFERRED CLOCK <L>?

   DATE FORMAT <ALPHABETIC>?

   TIME FORMAT <AM/PM>?

   POWER FAIL DELAY <1>? 60


   OPTION: ST

   YOU CURRENTLY HAVE: JOB MAX = 2, SWAP MAX = 28K.

   JOB MAX OR SWAP MAX CHANGES?

   ANY MEMORY ALLOCATION CHANGES?

   YOU CURRENTLY HAVE CRASH DUMP ENABLED.

   CRASH DUMP?

   10-NOV-80?
   11:50 AM?
   DF0: DISABLED - NO RF: CONTROLLER
   DS0: DISABLED - NO RS: CONTROLLER
   DS1: DISABLED - NO RS: CONTROLLER
   DK0: DISABLED - NO RK: CONTROLLER
   DK1: DISABLED - NO RK: CONTROLLER
   DK2: DISABLED - NO RK: CONTROLLER
   DK3: DISABLED - NO RK: CONTROLLER
   DL0: DISABLED - NO RL: CONTROLLER
   DL1: DISABLED - NO RL: CONTROLLER
```

```
DM0: DISABLED - NO RM: CONTROLLER
DM1: DISABLED - NO RM: CONTROLLER
DR0: DISABLED - NO RR: CONTROLLER
DR1: DISABLED - NO RR: CONTROLLER
DB0: DISABLED - N RB: CONTROLLER
DB1: DISABLED - NO RB: CONTROLLER
MM0: DISABLED - N TU: CONTROLLER
MM1: DISABLED - N TU: CONTROLLER
MS0: DISABLED - N TS0: CONTROLLER
MS1: DISABLED - N TS1: CONTROLLER

19 DEVICES DISABLED

?CAN'T FIND FILE OR ACCOUNT
.R MT0:CREATE.SAV




^C
HELLO 1/2
PASSWORD:
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT


.
.ASSIGN MT0: .DOS

.ASSIGN MT0: IN

.R IN:PIP.SAV
*SY:$*.*<232>=IN:$LOGIN.SAV,$LOGOUT.SAV,$PIP.SAV
*SY:$*.*<104>=IN:$UTILTY.SAV
*SY:$*.*<104>=IN:$MACRO.SAV,$CREF.SAV,$LINK.SAV
*SY:$*.*<104>=IN:$SILUS.SAV,$HOOK.SAV,$SYSGEN.SAV
*SY:$*.*<124>=IN:$SYSBAT.SAV
*SY:$*.*<104>=IN:$ONLPAT.SAV
*DK:$*.*< 40>=IN:$ERR.STB,$PIPSAV.TXT
*SY:[0,1]*.*<40>=IN:$TECO.RTS
*SY:[0,1]*.*/MO:16=SY:[0,1]TECO.RTS
*SY:$*.*<104>/RTS:TECO=IN:$TECO.TEC
*^C

.DEASSIGN IN

.DEASSIGN MT0:

.R LOGOUT
CONFIRM: Y
SAVED ALL DISK FILES; 516 BLOCKS IN USE
JOB 2 USER 1,2 LOGGED OFF KB1 AT 10-NOV-80 11:53 AM
1 OTHER USER STILL LOGGED IN UNDER THIS ACCOUNT
SYSTEM RSTS V7.0-07 * GEN *
RUN TIME WAS 5.6 SECONDS
ELAPSED TIME WAS 1 MINUTE
GOOD MORNING
```

BEGINNING OF RSTS/E SYSTEM GENERATION.

QUESTIONS COME IN LONG AND SHORT FORMS.
IF YOU ARE FAMILIAR WITH THEM, ANSWER
"S" FOR SHORT; OTHERWISE, ANSWER "L" FOR
LONG FORM.

FORM ?	#S #	
SAME SYSTEM ?	#Y #	
DISTRIBUTION MEDIUM ?	#MT#	
OUTPUT MEDIUM ?	#SY#	
DELETE FILES ?	#NO#	Y
LP FOR SYSGEN ?	*Y *	N
GENERATE MONITOR ?	#Y #	
MONITOR NAME ?	#RSTS#	
MONITOR PATCHING ?	#??#	N
GENERATE BASIC-PLUS ?	#Y #	
BASIC-PLUS RTS NAME ?	#BASIC#	
BASIC-PLUS PATCHING ?	#??#	N
RSX AS DEFAULT RTS ?	#NO#	Y
RSX PATCHING ?	#??#	N

NOW YOU MUST SPECIFY THE HARDWARE CON-
FIGURATION ON WHICH THIS RSTS/E SYSTEM
WILL RUN.

KL11,LC11,DL11A,DL11B'S ?	*01*
DL11C, DL11D'S ?	*00*
DC11'S ?	*00*
DL11E'S ?	*00*
DJ11'S ?	*00*
DH11'S ?	*01*
DH11 UNIT 00 LINES ENABLED ?	#16#
DATASET SUPPORT FOR DH11'S ?	*Y *
DZ11'S ?	*00*
PSEUDO KEYBOARDS ?	#04#
2741 SUPPORT ?	#NO#

MULTI-TERMINAL SERVICE ?	#Y #	N
ECHO CONTROL ?	#Y #	
ONE-LINE STATUS REPORT ?	#Y #	
RF/RS11'S ?	*NO*	
RS03/RS04'S ?	*00*	
RK05'S ?	*00*	
RL01/RL02'S ?	*00*	
RK06/RK07'S ?	*00*	
RP02/RP03'S ?	#08#	2
OVERLAPPED SEEK ?	*Y *	
RM02/RM03'S ?	*00*	
RP04/RP05/RP06'S ?	*00*	
TU16/TE16/TU45/TU77'S ?	*00*	
TU10/TE10/TS03'S ?	#08#	1
TS11'S ?	*00*	
DECTAPES ?	*00*	
TU58'S ?	*00*	
PRINTERS ?	*01*	2
RX01/RX02'S ?	*00*	
CR11/CM11 CARD READER ?	*NO*	
CD11 CARD READER ?	*NO*	
P. T. READER ?	*NO*	
P. T. PUNCH ?	*NO*	
DMC11'S ?	*00*	
KMC11'S ?	*00*	
EXTENDED BUFFERING FOR LP ?	#Y #	N
2780 SUPPORT ?	#NO#	
LARGE FILES ?	#Y #	
MAXIMUM JOBS ?	#10#	15
SMALL BUFFERS ?	#215#	285
SYSTEM WIDE LOGICALS ?	#10#	
MONITOR STATISTICS ?	#NO#	Y
FIP BUFFERING ?	#Y #	

```
        EXTENDED DATA BUFFERING ?          #NO#

        DISK DRIVER PHASE ?                #Y #     N

        RESIDENT LIBRARIES ?               #Y #

        RSX DIRECTIVES ?                   #Y #

        RESIDENT DISK HANDLING ?           #Y #

        RESIDENT SEND/RECEIVE ?            #NO#

        RESIDENT SIMPLE SYS CALLS ?        #NO#

        RESIDENT FILE DELETE/RENAME ?      #NO#

        RES. LOGIN/ATTACH/ATTRIBUTE ?      #NO#

        RESIDENT CATALOG/LOOKUP ?          #NO#


        THE  FOLLOWING  QUESTIONS  DEAL WITH THE
        BASIC-PLUS RUN-TIME SYSTEM

        FPP ?                              *NO*

        FIS ?                              *NO*

        MATH PRECISION ?                   #02#

        LOG FUNCTIONS ?                    #Y #

        TRIG FUNCTIONS ?                   #Y #

        PRINT USING ?                      #Y #

        MATRICES ?                         #NO#

        STRING ARITHMETIC ?                #NO#      Y


        THE SYSTEM GENERATION  DIALOG IS FINISH-
        ED.  IF YOU HAVE ANY SPECIAL REQUIREMENTS
        WHICH REQUIRE EDITING THE GENERATED FILE
        CONFIG.MAC(SYSTEM CONFIGURATION FILE) OR
        SYSGEN.CTL(BATCH CONTROL FILE)  YOU  MAY
        DO IT NOW.  WHEN  READY TYPE "R SYSBAT".

        .R SYSBAT


        SYSGEN  BATCH  PROCESSING  HAS  STARTED.
        IF ANY PROBLEMS DEVELOP DURING THE BATCH
        PROCESS  IT  MAY  BE ABORTED  BY  TYPING
        "CONTROL/C". TO RESTART TYPE "R SYSBAT".


        ^C
        HELLO 1/2
        PASSWORD:
        1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
     .SIZE 20


MOUNT AP-2773G-BC OR BB-H751G-BC OR AP-2772G-BC ON A MAGTAPE DRIVE

WITH NO "WRITE RING" AND SET TO "ON LINE"

MOUNT MT:"SYSGNG"-WRITE LOCKED
UNIT ? 0
     .ASSIGN  MT0: .DOS

     .ASSIGN  MT0: TAPE

     .R PIP.SAV
     **.*<40>=TAPE:$COMMON.MAC
     **.*=TAPE:$*.MAC/HALT/NOREW
     *SY:$*.*/PR:NOWARN=TAPE:$SYSLIB.OBJ/NOREW
     **.*=TAPE:$*.OBJ/HALT/NOREW
     **.*<104>=TAPE:$*.SAV/HALT/NOREW
     *ODT.SAV<60>/RE
     *DEFALT.SAV<60>/RE
     **.*=TAPE:$*.STB/HALT/NOREW
     **.*<60>=TAPE:$MINCOP.BAS/NOREW
     *^C


     DISMOUNT MT0:
     .DEASSIGN  TAPE

     .DEASSIGN  MT0:


     .ASSIGN  SY:  IN

     .R PIP.SAV
     *TBL.OBJ,TTDINT.OBJ,TTDVR.OBJ/DE:NOWARN
     *TBL.LST,TTDINT.LST,TTDVR.LST/DE:NOWARN
     *RSTS.SAV,TER.SAV,DSK.SAV/DE:NOWARN
     *EMT.SAV,FIP.SAV,RSX.SAV,OVR.SAV/DE:NOWARN
     *RSTS.MAP,TER.MAP,DSK.MAP/DE:NOWARN
     *EMT.MAP,FIP.MAP,RSX.MAP,OVR.MAP/DE:NOWARN
     *RSTS.STB,TER.STB,DSK.STB/DE:NOWARN
     *EMT.STB,FIP.STRSX.STB,OVR.STB/DE:NOWARN
     *NSP.SAV,TRN.SA,XMDVR.SAV,RJ2780.SAV/DE:NOWARN
     *NSP.MAP,TRN.MA,XMDVR.MAP,RJ2780.MAP/DE:NOWARN
     *NSP.STB,TRN.STB,XMDVR.STB,RJ2780.STB/DE:NOWARN
     *^C

     .R MACO.SAV
     *TTDVR=IN:COMMOERNEL,DK:CONFIG,IN:CHECK,KBDEF,TTDVR
     ERRORS DETECTED:  0
     *^C

     .R PIP.SAV
     *TTDVR.MAC/DE
     *^C

     .R MACRO.SAV
     *TTDINT=IN:COMMON,KERNEL,DK:CONFIG,IN:CHECK,KBDEF,TTDINT
     ERRORS DETECTED:  0
     *^C

     .R PIP.SAV
     *KBDEF.MAC,TTDINT.MAC/DE
     *^C
```

```
.R MACRO.SAV
*TBL=IN:COMMON,KERNEL,DK:CONFIG,IN:CHECK,TBL
ERRORS DETECTED:   0
*^C

.R PIP.SAV
*KERNEL.MAC,CHECK.MAC,TBL.MAC/DE
*^C

.R LINK.SAV
*RSTS/Z,RSTS/A/W,RSTS=TBL,$ERR.STB/X/B:0/E:#21640/U:#1000/I/C
*TTDINT/C
*IN:RSTS
EXTEND SECTION? MORBUF
ROUND SECTION? MORBUF
LIBRARY SEARCH? SYDLRG
LIBRARY SEARCH? BUF
LIBRARY SEARCH? ALLDSK
LIBRARY SEARCH? DPSEEK
LIBRARY SEARCH?
                    *^C

.R LINK.SAV
*TER/Z,TER/A/W,TER=IN:TER,DK:RSTS.STB/X/B:#117000/U:#1000/I/C
*TTDVR/C
*IN:RSTS
ROUND SECTION? TERPAT
LIBRARY SEARCH? TTSYST
LIBRARY SEARCH?
*^C

.R LINK.SAV
*EMT/Z,EMT/A/W,EMT=IN:EMT,DK:RSTS.STB/X/B:#117000/U:#1000/I/C
*IN:RSTS
ROUND SECTION? EMTPAT
LIBRARY SEARCH? LIB
LIBRARY SEARCH?
*^C

.R LINK.SAV
*FIP/Z,FIP/A/W,FIP=IN:FIPLRG,DK:RSTS.STB/X/B:#117000/U:#1000/I/C
*IN:RSTS
ROUND SECTION? FIPPAT
LIBRARY SEARCH? OPL
LIBRARY SEARCH?
*^C

.R LINK.SAV
*RSX/Z,RSX/A/W,RSX=IN:RSX,DK:EMT.STB/X/B:#117000/U:#1000/C
*IN:RSTS
ROUND SECTION? RSXPAT
*^C

.R LINK.SAV
*OVR/Z,OVR/A/W,OVR=IN:OVRLRG,DK:FIP.STB/X/B:#1000/C
*IN:RSTS
*^C

.R PIP.SAV
*TBL.OBJ,TTDINT.OBJ,TTDVR.OBJ/DE
*RSTS.OBJ,TER.OBJ,DSK.OBJ,XMP.OBJ/DE
*EMT.OBJ,FIPSML.OBJ,FIPLRG.OBJ/DE
*RSX.OBJ,OVRSML.OBJ,OVRLRG.OBJ/DE
*^C
```

```
.R SILUS.SAV
*SY0:[0,1]RSTS.SIL,TT:=RSTS,TER/M,EMT/M,FIP/M/C
*RSX/M/C
*OVR/M/C
*IN:ODT,DEFALT
DIRECTORY OF SIL RSTS  .SIL ON 10-NOV-80 AT 12:26 PM


   NAME    IDENT    LOAD    SIZE   TRANSFER TOTAL

   RSTS    07.007  000000  076000  000001   16K
   TER     07.007  120000  016000  000001   19K
   EMT     07.007  120000  020000  000001   23K
   FIP     07.007  120000  021000  000001   28K
   RSX     07.007  120000  007000  000001   29K
   OVR     07.007  002000  070000  000001   43K
   ODT     07.007  140000  012522  142524   46K
   DEFALT  07.007  001000  002000  000001   47K


RESIDENT MONITOR SIZE IS 29K (WITH 300 SMALL BUFFERS)
448 SMALL BUFFERS CAN BE ADDED TO THIS SYSTEM (748 TOTAL)
NO SMALL BUFFERS CAN BE ADDED WITHOUT A SIZE CHANGE (300 TOTAL)




*^C

.RUN LIBR.SAV
*SY:$SYSLIB=SY:$SYSLIB,DK:OVLHD/U
*^C

.R PIP.SAV
*RSTS.SAV,RSTS.STB/DE
*TER.SAV,TER.ST/DE
*EMT.SAV,EMT.STE
*FIP.SAV,FIP.STE
*RSX.SAV,RSX.ST
*OVR.SAV,OVR.STE
*ODT.SAV,ODT.ST
*DEFALT.SAV,DEF.STB/DE
*OVLHD.OBJ/DE
*^C

.R PIP.S  *BASIC.SAV,BASIC.STB/DE:NOWARN

MOUNT AP-2773G-BC OR BB-H751G-BC OR AP-2772G-BC ON A MAGTAPE DRIVE

WITH NO "WRITE RING" AND SET TO "ON LINE"

MOUNT MT:"SYSGNG"-WRITE LOCKED
UNIT ? 0
*^C

.ASSIGN  MT0:.DOS

.ASSIGN  MT0:TAPE

.R PIP.SAV
**.*=TAPE:$RTS.OBJ
**.*=TAPE:$*.OBJ/HALT/NOREW
*^C

DISMOUNT MT0:
.DEASSIGN  TAPE
```

```
        .DEASSIGN  MT0:

        .R LINK.SAV
        *BASIC/Z,BASIC/A/W,BASIC=IN:RTS,DK:$ERR.STB/X/H:#177776/U:#4000/C
        *IN:MA2/C
        *IN:XL2/C
        *IN:XT2/C
        *ISF/C
        *IN:I
        *IN:PU
        *IN:SC
        *IN:V
              ROUND STION? PA
        *^C


        .R PIP.SAV
        *RTS.OBJ/DE
        *MA2.OBJ,MA2I.OBJ,MA2F.OBJ,MA4.OBJ,MA4F.OBJ,MA4D.OBJ/DE
        *XL2.OBJ,XL2I.OBJ,XL2F.OBJ,XL4.OBJ,XL4F.OBJ/DE
        *XT2.OBJ,XT2I.OBJ,XT2F.OBJ,XT4.OBJ,XT4F.OBJ/DE
        *SF.OBJ,IO.OBJ,PU.OBJ,MX.OBJ/DE
        *SN.OBJ,DBG.OBJ,VE.OBJ/DE
        *^C

        .R SILUS.SAV
        *BASIC.RTS,TT:=BASIC
        DIRECTORY OF SIL BASIC .RTS ON 10-NOV-80 AT 12:28 PM

         NAME   IDENT    LOAD    SIZE  TRANSFER TOTAL

         BASIC  07.007  100000  077776  000001   16K




        *^C

        .R PIP.SAV
        *BASIC.SAV,BASIC.STB/DE
        *^C

        .DEASSIGN  IN


        MOUNT AP-2773G-BC OR BB-H751G-BC OR AP-2772G-BC ON A MAGTAPE DRIVE

        WITH NO "WRITE RING" AND SET TO "ON LINE"

        MOUNT MT:"SYSGNG"-WRITE LOCKED
        UNIT ? 0
        .ASSIGN  MT0: .DOS

        .ASSIGN  MT0: IN

        .R PIP.SAV
        **.*  =IN:$RSX.RTS
        **.CSP=IN:$MINCOP.TSK
        **.CSP=IN:$PATCPY.TSK
        **.CSP=IN:$LOGIN .TSK
        **.CSP=IN:$BUILD .TSK
        **.CSP=IN:$ATPK  .TSK
        **.CSP=IN:$CPATCH.TSK
        **.CSP=IN:$AUTOED.TSK
        *^C
```

```
    DISMOUNT MT0:
    .DEASSIGN  IN

    .DEASSIGN  MT0:

    .R PIP.SAV
    *SY0:[0,1]*.*/MODE:16.=BASIC.RTS
    *^C

    .R PIP.SAV
    *SY0:[0,1]*.*/MODE:16.=RSX.RTS
    *SY:$PATCPY.TSK<124>/RTS:RSX/PR:NOWARN=PATCPY.CSP
    *SY:$LOGIN.TSK<232>/RTS:RSX/PR:NOWARN=LOGIN.CSP
    *SY:$BUILD.TSK<124>/RTS:RSX/PR:NOWARN=BUILD.CSP
    *SY:$ATPK.TSK<124>/RTS:RSX/PR:NOWARN=ATPK.CSP
    *SY:$CPATCH.TSK<124>/RTS:RSX/PR:NOWARN=CPATCH.CSP
    *SY:$AUTOED.TSK<124>/RTS:RSX/PR:NOWARN=AUTOED.CSP
    *BASIC.RTS/DE
    *^C

    .R PIP.SAV
    *RSX.RTS/DE
    *MINCOP.BAS/DE
    *MINCOP.CSP/DE
    *LOGIN.CSP,BUILD.CSP,ATPK.CSP/DE
    *PATCPY.CSP,CPATCH.CSP,AUTOED.CSP/DE
    *^C

    .R LOGOUT
    CONFIRM: Y
    SAVED ALL DISK FILES; 1186 BLOCKS IN USE
    JOB 2 USER 1,2 LOGGED OFF KB1 AT 10-NOV-80 12:30 PM
    1 OTHER USER STILL LOGGED IN UNDER THIS ACCOUNT
    SYSTEM RSTS V7.0-07 * GEN *
    RUN TIME WAS 12 MINUTES, 20.2 SECONDS
    ELAPSED TIME WAS 23 MINUTES
    GOOD AFTERNOON


    BATCH JOB COMPLETED.

    .R PIP
    **.*/RTS:RSX=MT0:[1,2]RMSRST.TSK/BL
    *RMSRT
    %NO FILES MATCHING RMSRT .??? - CONTINUING
    *ST^U
    RMSRST.TSK/DIR

     NAME .EXT    SIZE    PROT    DATE        SY:[1,2]
    RMSRST.TSK    176    < 60> 10-NOV-80

    TOTAL OF 176 BLOCKS IN 1 FILE IN SY:[1,2]

    *RMSRST.TSK<124>/RTS:RSX=RMSRST.TSK
    *RMSRST.TSK/DIR
```

TOTAL OF 176 BLOCKS IN 1 FILE IN SY:[1,2]

```
*^Z

.R SHUTUP^U
R UTILTY
*NO LOGINS
*SHUTUP


RSTS V7.0-07 * GEN * (DP0)


OPTION: IN

SIL <SYSGEN>? RSTS


OPTION: HARD LIST

   NAME   ADDRESS VECTOR   COMMENTS
   TT:    177560  060
   RP:    176700  254     RP03 UNITS: 0 1
   TM:    172520  224
   LP0:   177514  200
   DM0:   170500  300     DH0
   DH0:   160020  310

   KW11L  177546  100
   SR     177570
R         177570


Z = 60


   OTHR: SL


OPTION: SET

   SET SUBOPTION? LIST ALL

   NAME   CONTROL COMMENTS

   DP0    RP:
   DP1    RP:
   KB0    TT:
   KB1    PK0:
   KB2    PK1:
   K3     PK2:
   KB  PK3:
   KB5 H0:0
   KB6 DH0:1
   KB7 DH0:2
   KB  DH0:3
   KB9 DH0:4
   KB1 DH0:5
   KB1 DH0:6
   KB1 DH0:7
   KB1 DH0:8
   KB  DH0:9
   KB1 DH0:10
   KB  DH0:11
```

```
        KB DH0:12
        KB DH0:13
        KB DH0:14
        KB DH0:15
        NL
        PK0
    1
        PK2
        KBP0    LP    NOOTCR,CR,NOEOT,FILL,NOCONTROL,NOVTAB,BSEMULATE, WIDTH 80
        LP1     LP1:    NOMITCR,CR,NOEOT,FILL,NOCONTROL,NOVTAB,BSEMULATE, WIDTH 80
        MT0     TM:

        SET SUBOPTION? EXIT


    OPTION: FILL

        FILL COUNT? LA30S


    OPTION: HARD LIST

        NAME    ADDRESS VECTOR  COMMENTS
        TT:     177560    060
        RP:     176700    254     RP03 UNITS: 0 1
        TM:     172520    224
        LP0:    177514    200
        DM0:    170500    300     DH0
        DH0:    160020    310


        KW11L   177546    100
        SR      177570
        DR      177570


        HERTZ = 60.           .

        OTHER: SL


    OPTION: SET LIST ALL

        NAME    CONTROL COMMENTS

        DP0     RP:
        DP1     RP:
        KB0     TT:
        KB1     PK0:
        KB2     PK1:
        KB3     PK2:
        KB4     PK3:
        KB5     DH0:0
        KB6     DH0:1
        KB7     DH0:2
        KB8     DH0:3
        KB9     DH0:4
        KB10    DH0:5
        KB11    DH0:6
        KB12    DH0:7
        KB13    DH0:8
        KB14    DH0:9
        KB15    DH0:10
        KB16    DH0:11
        KB17    DH0:12
        KB18    DH0:13
        KB19    DH0:14
        KB20    DH0:15
```

```
        NL0
        PK0
        PK1
        PK2
        PK3
        LP0    LP0:      NOOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTAB, BSEMULATE, WIDTH 80
        LP1    LP1:      NOOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTAB, BSEMULATE, WIDTH 80
        MT0    TM:


    OPTION: SET LP

    UNIT? 0
    TYPE (NOOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTAB, BSEMULATE)? LP
    WIDTH (80)? 132
    LOWER CASE (NO)? YES

    UNIT?


    OPTION: REF

    10=NOV=80?
    12:46 PM?

    DISK?

    CLEAN?

        REFRESH SUBOPTION? LIST
```

FILE NAME	REQUIRED?	FILE FLAGS	STATUS	CURRENT SIZE	MINIMUM SIZE	START LBN
SYSTEM FILES:						
SWAP .SYS	YES	NOD CTG	OK	1860	64	38000
SWAP0 .SYS	NO		OK			
SWAP1 .SYS	NO		OK			
SWAP3 .SYS	NO		OK			
OVR .SYS	NO		OK		58	
ERR .SYS	NO		OK		16	
BUFF .SYS	NO		OK			
CRASH .SYS	NO	NOD CTG	OK	50	37	888
OTHERS:						
BADB .SYS		NOD		0		39992
SATT .SYS		NOD CTG		10		
INIT .SYS		NOD CTG		419		
ERR .ERR		CTG		16		646
SYSGEN.SIL		CTG		205		
RT11 .RTS		CTG		20		868
TECO .RTS		CTG		39		1486
RSTS .SIL		NOD CTG		281		2328
BASIC .RTS		CTG		73		2200
RSX .RTS		CTG		16		2274

```
        REFRESH SUBOPTION? CHANGE

        SWAP.SYS CHANGES?

        SWAP0.SYS CHANGES?

        SWAP1.SYS CHANGES?
```

```
        SWAP3.SYS CHANGES?

        OVR.SYS CHANGES?

        ERR.SYS CHANGES?

        BUFF.SYS CHANGES?

        CRASH.SYS CHANGES? Y

           DELETE? N

           SIZE? 37

           BASE?

        OTHER FILES?

        REFRESH SUBOPTION? LIST

           FILE                 FILE          CURRENT  MINIMUM    START
           NAME      REQUIRED?  FLAGS STATUS   SIZE     SIZE       LBN

        SYSTEM FILES:

           SWAP  .SYS   YES    NOD CTG    OK    1860       64     38000
           SWAP0 .SYS   NO                OK
           SWAP1 .SYS   NO                OK
           SWAP3 .SYS   NO                OK
           OVR   .SYS   NO                OK               58
           ERR   .SYS   NO                OK               16
           BUFF  .SYS   NO                OK
           CRASH .SYS   NO     NOD CTG    OK      37       37       888

        OTHERS:

           BADB  .SYS          NOD               0
           SATT  .SYS          NOD CTG          10              39992
           INIT  .SYS          NOD CTG         419
           ERR   .ERR              CTG          16                646
           SYSGEN.SIL              CTG         205
           RT11  .RTS              CTG          20                868
           TECO  .RTS              CTG          39               1486
           RSTS  .SIL          NOD CTG         281               2328
           BASIC .RTS              CTG          73               2200
           RSX   .RTS              CTG          16               2274


        REFRESH SUBOPTION?


OPTION: DEF

NO DEFAULTS ARE CURRENTLY SET IN RSTS.SIL

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 16K.

JOB MAX OR SWAP MAX CHANGES? Y

   NEW JOB MAX?

   NEW SWAP MAX? 31

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.
```

```
JOB MAX OR SWAP MAX CHANGES?

RUN TIME SYSTEM? RSX

ERROR MESSAGE FILE? ERR

INSTALLATION NAME? * NIKA CORP *

   MEMORY ALLOCATION TABLE:

     0K: 00000000 - 00163777 (   29K) : EXEC
    29K: 00164000 - 00177777 (    3K) : RTS (RSX)
    32K: 00200000 - 00757777 (   92K) : USER
   124K: 00760000 - END              : NXM


   TABLE SUBOPTION? XBUF

     EXTENDED BUFFER ADDRESS RANGE IS? 32K+8

   TABLE SUBOPTION? LIST

   MEMORY ALLOCATION TABLE:

     0K: 00000000 - 00163777 (   29K) : EXEC
    29K: 00164000 - 00177777 (    3K) : RTS (RSX)
    32K: 00200000 - 00237777 (    8K) : XBUF
    40K: 00240000 - 00757777 (   84K) : USER
   124K: 00760000 - END              : NXM


   TABLE SUBOPTION? EXIT

 YOU CURRENTLY HAVE CRASH DUMP DISABLED.

 CRASH DUMP? Y

 MAGTAPE LABELLING DEFAULT <NONE>? DOS

 PREFERRED CLOCK <L>?

 DATE FORMAT <ALPHABETIC>?

 TIME FORMAT <AM/PM>?

 POWER FAIL DELAY <1>? 90


 OPTION: SET DISABLE
   DEVICE? LP
   UNIT? 1
   UNIT? ^Z
   DEVICE? ^Z


 OPTION: SET LIST LP

   NAME  CONTROL COMMENTS

   LP0   LP0:    LP, WIDTH 132, LOWER CASE
   LP1   LP1:    DISABLED NOOMITCR, CR, NOEOT, FILL, NOCONTROL, NOVTAB, BSEMULATE,  WIDTH


   OPTION: ST

 YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.
```

```
JOB MAX OR SWAP MAX CHANGES?

ANY MEMORY ALLOCATION CHANGES?

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

CRASH DUMP?

10-NOV-80?
12:55 PM?
?CAN'T FIND FILE OR ACCOUNT
>RUN RMSRST
RST>HELP

                RMS-11 RESTORE UTILITY
                ----------------------

FUNCTION: RESTORE BACKUP FILES
FORMAT:    RST OUTFILE[/OPTIONS]=INFILE[/OPTIONS][,INFILE[/OPTIONS]..]

          THE OUTFILE FILE-NAME AND EXTENSION MUST BE WILD CARDS,
          THAT IS, *.*

GLOBAL OPTIONS:
  ? OR HELP       TELP MESSAGES
   ID             ITIFY CURRENT VERSION NUMBER
   QU             EBLE QUERY MODE
   SL:FILESPEC    PVIDE SUMMARY LISTING FILE


OUTFILE OPTIONS:
                FR              CHANGE PROTECTION CODES
   SU           SPERSEDE EXISTING FILE

INFILE OPTIONS:
BD:DD-MMM-YY    REFILES BASED ON DATE OF BACKUP
  OA:[N,M]       SLECT FILES BASED ON ORIGINAL ACCOUNT
  SE:FILESPEC    SECT SPECIFIED FILE(S) FOR RESTORATION
  SE:(FILSPEC,..) OM BACKUP CONTAINER FILE


RST>[1,2]*.*/SU=MT0:BUILD.SY
RST>^Z
>RUN $DIRECT
DIRECT  V7.0-07E        RSTS V7.0-07 * NIKA CORP *
#[1,^U
^Z
>RUN $TTYSET
TTYSET  V7.0-07A        RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? SET FILL LA30S
?ILLEGAL COMMAND - SET FILL LA30S
? FILL LA30S
? ^Z
>RUN $DIRECT
DIRECT  V7.0-07E        RSTS V7.0-07 * NIKA CORP *
#[1,2]/S
 NAME .EXT     SIZE    PROT   ACCESS       DATE      TIME   CLU  RTS     POS
SY:[1,2]
CREATE.LOG       3    < 60> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     571
LOGIN .SAV      13    <232> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     476
LOGOUT.SAV      11    <232> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     469
PIP   .SAV      50    <232> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     475
UTILTY.SAV      21    <104> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     507
MACRO .SAV      57    <104> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     518
CREF  .SAV       8    <104> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     547
LINK  .SAV      40    <104> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     551
SILUS .SAV      21    <104> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     572
HOOK  .SAV      27    <104> 10-NOV-80 10-NOV-80 11:52 AM   2 RT11     583
```

```
SYSGEN.SAV    139   <104> 10-NOV-80 10-NOV-80 11:52 AM    2 RT11      597
SYSBAT.SAV     17   <124> 10-NOV-80 10-NOV-80 11:52 AM    2 RT11      667
ONLPAT.SAV     59   <104> 10-NOV-80 10-NOV-80 11:52 AM    2 RT11      676
ERR   .STB      3   < 40> 10-NOV-80 10-NOV-80 11:52 AM    2 RT11      706
PIPSAV.TXT     29   < 40> 10-NOV-80 10-NOV-80 11:52 AM    2 RT11      708
TECO  .TEC      9   <104> 10-NOV-80 10-NOV-80 11:53 AM    2 TECO      723
CONFIG.MAC      7   < 60> 10-NOV-80 10-NOV-80 12:00 M     2 RT11      729
SYSGEN.CTL      8   < 60> 10-NOV-80 10-NOV-80 12:05 PM    2 RT11      733
SYSGEN.LOG     18   < 60> 10-NOV-80 10-NOV-80 12:07 PM    2 RT11      737
COMMON.MAC     31   < 40> 10-NOV-80 10-NOV-80 12:08 PM    2 RT11      738
LIBR  .SAV     21   <104> 10-NOV-80 10-NOV-80 12:10 PM    2 RT11     1430
PATCH .SAV     12   <104> 10-NOV-80 10-NOV-80 12:10 PM    2 RT11     1441
PAT   .SAV      9   <104> 10-NOV-80 10-NOV-80 12:10 PM    2 RT11     1447
RSTS  .MAP     38   < 60> 10-NOV-80 10-NOV-80 12:21 PM    2 RT11      774
TER   .MAP     35   < 60> 10-NOV-80 10-NOV-80 12:21 PM    2 RT11      833
EMT   .MAP     29   < 60> 10-NOV-80 10-NOV-80 12:22 PM    2 RT11      925
FIP   .MAP     33   < 60> 10-NOV-80 10-NOV-80 12:22 PM    2 RT11      997
RSX   .MAP     28   < 60> 10-NOV-80 10-NOV-80 12:23 PM    2 RT11     1024
OVR   .MAP     42   < 60> 10-NOV-80 10-NOV-80 12:24 PM    2 RT11     1581
SYSLIB.OBJ      2   < 60> 10-NOV-80 10-NOV-80 12:26 PM    2 RT11      849
BASIC .MAP     17   < 60> 10-NOV-80 10-NOV-80 12:27 PM    2 RT11      962
RMSRST.TSK    176   <124> 10-NOV-80 10-NOV-80 12:37 PM    2 RSX       900
GENBLD.LOG     82   < 60> 09-NOV-80 09-NOV-80 02:26 PM    2 BASIC     463
CPATCH.TSK     50C  <124> 09-NOV-80 09-NOV-80 02:28 PM    2 RSX      1038
  RF:FIX=512  FO:SEQ    USED:51:0        RECSI:512
AUTOED.TSK     52C  <124> 09-NOV-80 09-NOV-80 02:30 PM    2 RSX      1063
  RF:FIX=512  FO:SEQ    USED:53:0        RECSI:512
BUILD .TSK     85C  <124> 09-NOV-80 09-NOV-80 02:37 PM    2 RSX      1339
  RF:FIX=512  FO:SEQ    USED:86:0        RECSI:512
ATPK  .TSK     51C  <124> 09-NOV-80 09-NOV-80 02:40 PM    2 RSX      1382
  RF:FIX=512  FO:SEQ    USED:52:0        RECSI:512
LOGIN .TSK     53C  <232> 09-NOV-80 09-NOV-80 02:43 PM    2 RSX      1312
  RF:FIX=512  FO:SEQ    USED:54:0        RECSI:512
LOGOUT.TSK     46C  <232> 09-NOV-80 09-NOV-80 02:45 PM    2 RSX      1478
  RF:FIX=512  FO:SEQ    USED:47:0        RECSI:512
PATCPY.TSK     52C  <124> 09-NOV-80 09-NOV-80 02:47 PM    2 RSX      1501
  RF:FIX=512  FO:SEQ    USED:53:0        RECSI:512
PBUILD.TSK     47C  <124> 09-NOV-80 09-NOV-80 02:49 PM    2 RSX      1536
  RF:FIX=512  FO:SEQ    USED:48:0        RECSI:512
UTILTY.TSK     76C  <124> 09-NOV-80 09-NOV-80 02:54 PM    2 RSX      1647
  RF:FIX=512  FO:SEQ    USED:77:0        RECSI:512
INIT  .TSK     53C  <124> 09-NOV-80 09-NOV-80 02:57 PM    2 RSX      1612
  RF:FIX=512  FO:SEQ    USED:54:0        RECSI:512
SHUTUP.TSK     51C  <124> 09-NOV-80 09-NOV-80 02:59 PM    2 RSX      1685
  RF:FIX=512  FO:SEQ    USED:52:0        RECSI:512
DIRECT.TSK     76C  <232> 09-NOV-80 09-NOV-80 03:08 PM    2 RSX      1711
  RF:FIX=512  FO:SEQ    USED:77:0        RECSI:512
TTYSET.TSK     71C  <232> 09-NOV-80 09-NOV-80 03:11 PM    2 RSX      1749
  RF:FIX=512  FO:SEQ    USED:72:0        RECSI:512
SYSTAT.TSK     66C  <232> 09-NOV-80 09-NOV-80 03:15 PM    2 RSX      1785
  RF:FIX=512  FO:SEQ    USED:67:0        RECSI:512
EDIT  .TSK     39C  <104> 09-NOV-80 09-NOV-80 03:16 PM    2 RSX       878
  RF:FIX=512  FO:SEQ    USED:40:0        RECSI:512
EDITCH.TSK     44C  <104> 09-NOV-80 09-NOV-80 03:17 PM    2 RSX      1408
  RF:FIX=512  FO:SEQ    USED:45:0        RECSI:512
ODT   .TSK     53C  <124> 09-NOV-80 09-NOV-80 03:35 PM    2 RSX      1818
  RF:FIX=512  FO:SEQ    USED:54:0        RECSI:512
REACT .TSK     38C  <124> 09-NOV-80 09-NOV-80 03:36 PM    2 RSX      1145
  RF:FIX=512  FO:SEQ    USED:39:0        RECSI:512
REORDR.TSK     76C  <124> 09-NOV-80 09-NOV-80 03:38 PM    2 RSX      1845
  RF:FIX=512  FO:SEQ    USED:77:0        RECSI:512
DSKINT.TSK     66C  <124> 09-NOV-80 09-NOV-80 03:42 PM    2 RSX      1883
  RF:FIX=512  FO:SEQ    USED:67:0        RECSI:512
UMOUNT.TSK     54C  <232> 09-NOV-80 09-NOV-80 03:44 PM    2 RSX      1916
  RF:FIX=512  FO:SEQ    USED:55:0        RECSI:512
COPY  .TSK     50C  <104> 09-NOV-80 09-NOV-80 03:46 PM    2 RSX      1943
```

```
     RF:FIX=512   FO:SEQ    USED:51:0        RECSI:512
     FILCOM.TSK     70C   <104> 09-NOV-80 09-NOV-80 03:49 PM   2 RSX      1968
     RF:FIX=512   FO:SEQ    USED:71:0        RECSI:512
     QUOLST.TSK     35C   <232> 09-NOV-80 09-NOV-80 03:50 PM   2 RSX      1560
     RF:FIX=512   FO:SEQ    USED:36:0        RECSI:512
     MONEY .TSK     39C   <104> 09-NOV-80 09-NOV-80 03:51 PM   2 RSX      2003
     RF:FIX=512   FO:SEQ    USED:40:0        RECSI:512
     GRIPE .TSK     36C   <232> 09-NOV-80 09-NOV-80 03:52 PM   2 RSX      2023
     RF:FIX=512   FO:SEQ    USED:37:0        RECSI:512
     TALK  .TSK     31C   <232> 09-NOV-80 09-NOV-80 03:52 PM   2 RSX      2041
     RF:FIX=512   FO:SEQ    USED:32:0        RECSI:512
     PLEASE.TSK     37C   <232> 09-NOV-80 09-NOV-80 03:53 PM   2 RSX      2057
     RF:FIX=512   FO:SEQ    USED:38:0        RECSI:512
     INUSE .TSK     31C   <104> 09-NOV-80 09-NOV-80 03:53 PM   2 RSX      2076
     RF:FIX=512   FO:SEQ    USED:32:0        RECSI:512
     SWITCH.TSK     32C   <232> 09-NOV-80 09-NOV-80 03:54 PM   2 RSX      2092
     RF:FIX=512   FO:SEQ    USED:33:0        RECSI:512
     ONLCLN.SAV     73    <124> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11      828
     NOTICE.TXT      1    < 40> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1093
     HELP  .TXT      1    < 40> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1094
     START .CTL      1    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1095
     TTY   .CMD      1    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1096
     RTS   .CMD      1    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1097
     CCL   .CMD      4    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1098
     CRASH .CTL      1    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1305
     ANALYS.CMD      1    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1306
     CLEAN .CMD      1    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1307
     UTILTY.HLP     20    < 60> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1308
     DIRECT.HLP      3    < 40> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1458
     ACCT  .SYS      1    <188> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1460
     COPY  .HLP      3    < 40> 09-NOV-80 09-NOV-80 03:54 PM   2 RT11     1461


     TOTAL OF 2767 BLOCKS IN 77 FILES IN SY:[1,2]


#^Z
>RUN $TTYSET
TTYSET  V7.0-07A       RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? ^Z
>RUN \^U
RUN $UTILTY
UTILTY  V7.0-07B       RSTS V7.0-07 * NIKA CORP *
#LOGINS
#EXIT
>RUN $TTYSET
TTYSET  V7.0-07A       RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? SET KB8:;LA120;SPEED 4800
?ILLEGAL COMMAND - SET KB8:
? SE^U
KB0
?ILLEGAL COMMAND - KB0
? KB8:;LA36;SPEED 4800;LC INPUT
FOR KB8:? LIST
CURRENT SETTINGS:
                 NO TAB          NO FORM         LC OUTPUT
                 NO XON          FULL DUPLEX     NO SCOPE
                 LC INPUT        STALL           UPARROW
                 NO ESC SEQ      ESC             CTRL/R
                 RESUME CTRL/C   NO PARITY       NO FILL
                 WIDTH 132       NO DELIMITER    SPEED 4800
FOR KB8:? LA120;FORM
FOR KB8:? LIST
CURRENT SETTINGS:
                 TAB             FORM            LC OUTPUT
                 NO XON          FULL DUPLEX     NO SCOPE
```

```
                      LC INPUT            STALL              UPARROW
                      NO ESC SEQ         ESC                CTRL/R
                      RESUME CTRL/C      NO PARITY          NO FILL
                      WIDTH 132          NO DELIMITER       SPEED 4800
FOR KB8:? NO FORM
FOR KB8:? EXZ^U
LIST
CURRENT SETTINGS:
                      TAB                NO FORM            LC OUTPUT
                      NO XON             FULL DUPLEX        NO SCOPE
                      LC INPUT           STALL              UPARROW
                      NO ESC SEQ         ESC                CTRL/R
                      RESUME CTRL/C      NO PARITY          NO FILL
                      WIDTH 132          NO DELIMITER       SPEED 4800
FOR KB8:? EXIT
>RUN $PATCPY
PATCPY   V7.0-07 RSTS V7.0-07 * NIKA CORP *
ENTER DISTRIBUTION DEVICE/PPN<SY:[1,2]>: MT0:[1,2]
ENTER OUTPUT DEVICE/PPN <SY:[200,200]>:

%CAN'T FIND FILE OR ACCOUNT - SY:[200,200]
ATTEMPT TO CREATE ACCOUNT SY:[200,200] <NO>? YES
ACCOUNT SY:[200,200] CREATED WITH YOUR PASSWORD
PACKAGES TO PATCH? ALL
COPYING MT0:[1,2]PATCHC.DOC TO SY:[200,200]PATCHC.DOC
COPYING MT0:[1,2]PATCPY.BAS TO SY:[200,200]PATCPY.BAS
COPYING MT0:[1,2]INIT.CMD TO SY:[200,200]INIT.CMD
COPYING MT0:[1,2]PA0101.001 TO SY:[200,200]PA0101.001
COPYING MT0:[1,2]PA0101.002 TO SY:[200,200]PA0101.002
COPYING MT0:[1,2]PA0101.003 TO SY:[200,200]PA0101.003
COPYING MT0:[1,2]SYSGEN.CMD TO SY:[200,200]SYSGEN.CMD
COPYING MT0:[1,2]MONITR.CMD TO SY:[200,200]MONITR.CMD
COPYING MT0:[1,2]PA0301.001 TO SY:[200,200]PA0301.001
COPYING MT0:[1,2]PA0301.002 TO SY:[200,200]PA0301.002
COPYING MT0:[1,2]PA0301.003 TO SY:[200,200]PA0301.003
COPYING MT0:[1,2]PA0303.001 TO SY:[200,200]PA0303.001
COPYING MT0:[1,2]PA0303.002 TO SY:[200,200]PA0303.002
COPYING MT0:[1,2]PA0303.003 TO SY:[200,200]PA0303.003
COPYING MT0:[1,2]PA0303.004 TO SY:[200,200]PA0303.004
COPY^O
  703 FILES COPIED
COPY OPERATION COMPLETE
>RUN $RMS^U
RUN $REACT
REACT    V7.0-07 RSTS V7.0-07 * NIKA CORP *
SYSTEM ACCOUNT MANAGER
FUNCTION? E
PROJ,PROG? 1,6
DISK:PASSWORD? ERROR
QUOTA?
CLUSTER SIZE? 16
ACCOUNT NAME? ERROR PACKAGE
PROJ,PROG? ^Z
>RUN RMSRST
RST>SY:[1,6]*.*/SU=MT0:ERROR.SY
RST>^Z
>RUN $DIRECT
DIRECT  V7.0-07E          RSTS V7.0-07 * NIKA CORP *
#[1,6]/S
 NAME .EXT      SIZE    PROT    ACCESS       DATE       TIME     CLU  RTS    POS
SY:[1,6]
ERRBLD.TSK      61C    <124>  09-NOV-80  09-NOV-80  03:01 PM     2  RSX     3249
  RF:FIX=512   FO:SEQ   USED:62:0        RECSI:512
ERRDAT.FIL      67     < 60>  09-NOV-80  09-NOV-80  03:01 PM     2  ...RSX  3234
ERRINT.TSK      42C    <124>  09-NOV-80  09-NOV-80  03:02 PM     2  RSX     3307
  RF:FIX=512   FO:SEQ   USED:43:0        RECSI:512
```

```
   ERRCPY.TSK        36C   <124> 09-NOV-80 09-NOV-80 03:03 PM    2 RSX      3328
     RF:FIX=512  FO:SEQ   USED:37:0         RECSI:512
   ERRDIS.TSK        55C   <124> 09-NOV-80 09-NOV-80 03:20 PM    2 RSX      3346
     RF:FIX=512  FO:SEQ   USED:56:0         RECSI:512
   ERRDET.TSK        54C   <124> 09-NOV-80 09-NOV-80 03:23 PM    2 RSX      3374
     RF:FIX=512  FO:SEQ   USED:55:0         RECSI:512
   ANALYS.TSK        83C   <124> 09-NOV-80 09-NOV-80 03:29 PM    2 RSX      3401
     RF:FIX=512  FO:SEQ   USED:84:0         RECSI:512
   ANALY1.TSK        71C   <124> 09-NOV-80 09-NOV-80 03:33 PM    2 RSX      3443
     RF:FIX=512  FO:SEQ   USED:72:0         RECSI:512
   ERRDIS.HLP         6    < 60> 09-NOV-80 09-NOV-80 03:54 PM    2 RT11     3479

   TOTAL OF 475 BLOCKS IN 9 FILES IN SY:[1,6]

   #^Z
   >RUN $BUILD
   BUILD   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
   SYSTEM BUILD <NO> ?
   SOURCE INPUT DEVICE <SY:> ? MT0:
   LIBRARY OUTPUT DEVICE <SY:> ?
   TARGET SYSTEM DEVICE <SY0:> ?
   LIBRARY ACCOUNT <[1,2]> ?
   CONTROL FILE IS ? RSX

   *** COPYING FILE MT0:[1,2]RSX.CTL TO BLD01.TMP ***

   LOCATE LOGICAL 'LB:' ON <SY:[1,1]> ?
   FUNCTION (BUILD/PATCH, PATCH, BUILD) <BUILD/PATCH> ?
   PATCH FILE INPUT LOCATION <SY:[200,200]> ?
   SAVE PATCHED SOURCES <NO> ? ^C
   >DEASSIGN MT0:
   >
   ***********  THE RSX PACKAGE WAS BUILT ON THE LA120 ***********

   RUN $SYSTAT
   SYSTAT   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
   OUTPUT STATUS TO?

   RSTS V7.0-07 * NIKA CORP * STATUS AT 10-NOV-80, 02:18 PM UP: 1:23:13

   JOB    WHO     WHERE    WHAT     SIZE     STATE    RUN-TIME  PRI/RB    RTS
    1    [SELF]   KB0     SYSTAT   17/31K   RN LCK    13:25.5    0/6   ...RSX
    2    [SELF]   KB8     ATPK     14/31K   SL          35.2   -8/6   ...RSX
    3    [SELF]   P0J2    PIP      16/31K   RN          16.1   -8/6    RT11

   BUSY DEVICES:
   DEVICE  JOB     WHY
   PK0     2       INIT
   MT0     3       AS+INIT+DOS

   DISK STRUCTURE:
   DISK    OPEN    FREE    CLUSTER ERRORS    NAME    COMMENTS
   DP0      3     69536       2        0     NIKA    PUB, DLW

   SMALL   LARGE   JOBS    HUNG TTY'S       ERRORS
   264       1     3/15        0              0

   RUN-TIME SYSTEMS:
    NAME   EXT      SIZE   USERS    COMMENTS
   RSX     TSK     3(28)K    0      PERM, ADDR:29, KBM
   RT11    SAV     4(28)K    1      TEMP, ADDR:40, KBM, CSZ, EMT:255

   RESIDENT LIBRARIES: NONE

   MESSAGE RECEIVERS:
    NAME   JOB    MSGS    MAX      SENDERS
```

```
  ERRLOG   0        1        40        PRIV
  >RUN $PIP
  *RMSRST.TSK/DE
  *^Z
  >RUN $SYSTAT
   SYSTAT   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
   OUTPUT STATUS TO?


   RSTS V7.0-07 * NIKA CORP * STATUS AT 10-NOV-80, 02:26 PM UP: 1:31:29

   JOB    WHO     WHERE    WHAT    SIZE    STATE    RUN-TIME   PRI/RB    RTS
    1    [SELF]   KB0     SYSTAT  17/31K  RN LCK    13:27.9    0/6     ...RSX
    2    [SELF]   KB8     ATPK    14/31K  SL         1:23.2   -8/6     ...RSX
    3    [SELF]   P0J2    ...MCR   1/31K  RN            0.4   -7/6      RSX

   BUSY DEVICES:
   DEVICE   JOB      WHY
   PK0      2        INIT
   MT0      3        AS*DOS

   DISK STRUCTURE:
   DISK    OPEN    FREE    CLUSTER ERRORS   NAME    COMMENTS
   DP0       2     69538      2       0     NIKA    PUB, DLW

   SMALL   LARGE    JOBS    HUNG TTY'S        ERRORS
   261       1      3/15        0               0

   RUN-TIME SYSTEMS:
    NAME    EXT     SIZE    USERS    COMMENTS
   RSX     TSK     3(28)K     1      PERM, ADDR:29, KBM
   RT11    SAV     4(28)K     0      TEMP, ADDR:40, KBM, CSZ, EMT:255

   RESIDENT LIBRARIES: NONE

   MESSAGE RECEIVERS:
    NAME    JOB     MSGS     MAX       SENDERS
   ERRLOG   0        1        40        PRIV
  >SY\YS\RUN
  ?WHAT?
  >RUN
  ?WHAT?
  >RUN $SYSTAT
   SYSTAT   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
   OUTPUT STATUS TO? /S-D

   RSTS V7.0-07 * NIKA CORP * STATUS AT 10-NOV-80, 02:45 PM UP: 1:50:22

   JOB    WHO     WHERE    WHAT    SIZE    STATE    RUN-TIME   PRI/RB    RTS
    1     1,2     KB0     SYSTAT  17/31K  RN LCK    13:29.8    0/6     ...RSX
    2     1,2     KB8     ATPK    14/31K  SL         1:49.5   -8/6     ...RSX
    3     1,2     P0J2    PIP     16/31K  RN            0.8   -8/6      RT11

   DISK STRUCTURE:
   DISK    OPEN    FREE    CLUSTER ERRORS   NAME    COMMENTS
   DP0       3     66700      2       0     NIKA    PUB, DLW
  >RUN SYSTAT
   SYSTAT   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
   OUTPUT STATUS TO? /DF3

   ?ILLEGAL OPTION OR ARGUMENT

  >RUN SYSTAT
   SYSTAT   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
   OUTPUT STATUS TO? /DF

   DISK STRUCTURE:
```

```
DISK     OPEN     FREE    CLUSTER ERRORS   NAME     COMMENTS
DP0       5      65884       2       0     NIKA     PUB, DLW

SMALL    LARGE    JOBS    HUNG TTY'S       ERRORS
264        1      3/15        0              0
>RUN RMSRST
RST>^Z
>RUN $REACT
REACT   V7.0-07 RSTS V7.0-07 * NIKA CORP *
SYSTEM ACCOUNT MANAGER
FUNCTION? E
PROJ,PROG? 1,7
DISK:PASSWORD? SPLER
QUOTA?
CLUSTER SIZE? 16
ACCOUNT NAME? SPLER PACKAGE
PROJ,PROG? ^Z
>RUN RMSRST
RST>SY:[2,^U
SY:[1,7]*.*=MT0:SPLER.SY
RST>^Z
>RUN $DIRECT
DIRECT  V7.0-07E        RSTS V7.0-07 * NIKA CORP *
#[1,7]/S
  NAME .EXT     SIZE    PROT   ACCESS      DATE       TIME    CLU  RTS     POS
  SY:[1,7]
  GENSPL.LOG      37    < 60>  09-NOV-80 09-NOV-80 04:14 PM   2 BASIC    1095
  QUE   .TSK      81C   <232>  09-NOV-80 09-NOV-80 04:21 PM   2 RSX      5988
   RF:FIX=512   FO:SEQ    USED:82:0       RECSI:512
  QUEMAN.TSK      56C   <124>  09-NOV-80 09-NOV-80 04:24 PM   2 RSX      6033
   RF:FIX=512   FO:SEQ    USED:57:0       RECSI:512
  QUMRUN.TSK      83C   <124>  09-NOV-80 09-NOV-80 04:29 PM   2 RSX      6211
   RF:FIX=512   FO:SEQ    USED:84:0       RECSI:512
  OPSER .TSK      47C   <124>  09-NOV-80 09-NOV-80 04:31 PM   2 RSX      6253
   RF:FIX=512   FO:SEQ    USED:48:0       RECSI:512
  OPSRUN.TSK      78C   <124>  09-NOV-80 09-NOV-80 04:36 PM   2 RSX      6277
   RF:FIX=512   FO:SEQ    USED:79:0       RECSI:512
  CHARS .TSK      38C   <124>  09-NOV-80 09-NOV-80 04:37 PM   2 RSX      6509
   RF:FIX=512   FO:SEQ    USED:39:0       RECSI:512
  CHARS .QUE       2    < 60>  09-NOV-80 09-NOV-80 04:37 PM   2 ...RSX   6061
  SPOOL .TSK      76C   <124>  09-NOV-80 09-NOV-80 04:43 PM   2 RSX      6528
   RF:FIX=512   FO:SEQ    USED:77:0       RECSI:512
  SPLIDL.TSK      85C   <124>  09-NOV-80 09-NOV-80 04:48 PM   2 RSX      6566
   RF:FIX=512   FO:SEQ    USED:86:0       RECSI:512
  SPLRUN.TSK      84C   <124>  09-NOV-80 09-NOV-80 04:56 PM   2 RSX      6609
   RF:FIX=512   FO:SEQ    USED:85:0       RECSI:512
  BATDCD.TSK      37C   <124>  09-NOV-80 09-NOV-80 04:57 PM   2 RSX      6651
   RF:FIX=512   FO:SEQ    USED:38:0       RECSI:512
  BATCH .DCD      12C   < 60>  09-NOV-80 09-NOV-80 04:57 PM   2 ...RSX   6187
  BATCH .TSK      73C   <124>  09-NOV-80 09-NOV-80 05:03 PM   2 RSX      6670
   RF:FIX=512   FO:SEQ    USED:74:0       RECSI:512
  BATIDL.TSK      75C   <124>  09-NOV-80 09-NOV-80 05:08 PM   2 RSX      6707
   RF:FIX=512   FO:SEQ    USED:76:0       RECSI:512
  BATDEC.TSK      85C   <124>  09-NOV-80 09-NOV-80 05:14 PM   2 RSX      6745
   RF:FIX=512   FO:SEQ    USED:86:0       RECSI:512
  BATRUN.TSK      80C   <124>  09-NOV-80 09-NOV-80 05:21 PM   2 RSX      6788
   RF:FIX=512   FO:SEQ    USED:81:0       RECSI:512
  SPOOL .CMD       1    < 60>  09-NOV-80 09-NOV-80 05:21 PM   2 RT11     6193

TOTAL OF 1030 BLOCKS IN 18 FILES IN SY:[1,7]

#^Z
>RUN $PIP
*[1,2]<232>/RTS:RSX=[1,7]QUE.TSK
*^Z
>RUN $DIRECT
```

```
DIRECT  V7.0-07E        RSTS V7.0-07 * NIKA CORP *
#$QUE.TSK/S
  NAME .EXT     SIZE    PROT   ACCESS       DATE       TIME    CLU  RTS     POS
SY:[1,2]
  QUE   .TSK      81C   <232> 09-NOV-80 09-NOV-80 04:21 PM    2 RSX      6828
   RF:FIX=512  FO:SEQ    USED:82:0       RECSI:512

  TOTAL OF 81 BLOCKS IN 1 FILE IN SY:[1,2]

  #[1,7]QUE.TSK/S
  NAME .EXT     SIZE    PROT   ACCESS       DATE       TIME    CLU  RTS     POS
SY:[1,7]
  QUE   .TSK      81C   <232> 09-NOV-80 09-NOV-80 04:21 PM    2 RSX      5988
   RF:FIX=512  FO:SEQ    USED:82:0       RECSI:512

  TOTAL OF 81 BLOCKS IN 1 FILE IN SY:[1,7]

  #^Z
  >RUN PIP
  *[1,7]QUE.TSK/DE
  *^Z
  >RUN SYSTAT
  SYSTAT  V7.0-07A         RSTS V7.0-07 * NIKA CORP *
  OUTPUT STATUS TO? /C

  MEMORY ALLOCATION TABLE:
   START    END   LENGTH  PERMANENT    TEMPORARY
     0K -   28K (  29K) MONITOR
    29K -   31K (   3K) RSX      RTS
    32K -   39K (   8K) ** XBUF **
    40K -  123K (  84K)   (USER)
   124K -  *** END ***
  >RUN $REACT
  REACT   V7.0-07 RSTS V7.0-07 * NIKA CORP *
  SYSTEM ACCOUNT MANAGER
  FUNCTION? E
  PROJ,PROG? 1,10
  DISK:PASSWORD? WORK
  QUOTA?
  CLUSTER SIZE? 16
  ACCOUNT NAME? WORK ACCOUNT FOR SYSTEM
  PROJ,PROG? ^Z
  >RUN SYSTAT
  SYSTAT  V7.0-07A         RSTS V7.0-07 * NIKA CORP *
  OUTPUT STATUS TO? /S=

  RSTS V7.0-07 * NIKA CORP * STATUS AT 10-NOV-80, 03:54 PM UP: 2:59:19

  JOB    WHO      WHERE   WHAT     SIZE    STATE    RUN-TIME   PRI/RB    RTS
   1     1,2      KB0     SYSTAT  17/31K   RN LCK   14:08.6    0/6    ...RSX
   2     1,9      KB8     ATPK    14/31K   SL        3:23.5   -8/6    ...RSX
   3     1,2      KB9     ...EDT  16/31K   KB         22.9    -8/6    ...RSX
   4     1,9      P0J2    ONLPAT  15/31K   RN        6:52.3   -8/6     RT11
  >RUN $SYSTAT
  SYSTAT  V7.0-07A         RSTS V7.0-07 * NIKA CORP *
  OUTPUT STATUS TO?

  RSTS V7.0-07 * NIKA CORP * STATUS AT 10-NOV-80, 04:15 PM UP: 3:20:25

  JOB    WHO      WHERE   WHAT     SIZE    STATE    RUN-TIME   PRI/RB    RTS
   1    [SELF]    KB0     SYSTAT  17/31K   RN LCK   14:09.9    0/6    ...RSX
   2    [OPR]     KB8     ATPK    14/31K   RN        4:19.2   -8/6    ...RSX
   3    [SELF]    KB9     ...MCR   1/31K   ^C        25.8     -8/6     RSX
   4    [OPR]     P0J2    PIP     16/31K   KB        4:24.2   -8/6     RT11

  BUSY DEVICES:
```

P/N 36-09829

digital

```
         DEVICE  JOB     WHY
         PK0     2       INIT
         MT0     4       AS+DOS

         DISK STRUCTURE:
         DISK    OPEN    FREE    CLUSTER ERRORS  NAME    COMMENTS
         DP0     8       61606      2       0    NIKA    PUB, DLW

         SMALL   LARGE   JOBS    HUNG TTY'S      ERRORS
         233     1       4/15      0               0

         RUN-TIME SYSTEMS:
          NAME   EXT     SIZE    USERS   COMMENTS
         RSX     TSK     3(28)K    1     PERM, ADDR:29, KBM
         RT11    SAV     4(28)K    1     TEMP, ADDR:40, KBM, CSZ, EMT:255
         RMS11   TSK     4(28)K    0     NON-RES
         TECO    TEC     8(24)K    0     NON-RES
         BASIC2  TSK     16(16)K   0     NON-RES
         BP2COM  TSK     4(28)K    0     NON-RES, KBM

         RESIDENT LIBRARIES:
          NAME   PROT    ACCT       SIZE   USERS   COMMENTS
         BASICS  < 42>   [  0,1  ]    8K     0     NON-RES, ADDR:112

         MESSAGE RECEIVERS:
          NAME   JOB     MSGS    MAX     SENDERS
         ERRLOG  0       1       40      PRIV
         >RUN SYSTAT
         SYSTAT  V7.0-07A        RSTS V7.0-07 * NIKA CORP *
         OUTPUT STATUS TO? /C

         MEMORY ALLOCATION TABLE:
          START   END  LENGTH  PERMANENT   TEMPORARY
            0K -   28K (  29K) MONITOR
           29K -   31K (   3K) RSX      RTS
           32K -   39K (   8K) ** XBUF **
           40K -  111K (  72K)  (USER)
          112K -  119K (   8K)  (USER)    BASICS LIB
          120K -  123K (   4K)  (USER)
          124K -  *** END ***
         >RUN $SHUTUP
         SHUTUP  V7.0-07   RSTS V7.0-07 * NIKA CORP *

         04:45 PM 10-NOV-80  ######## SET-UP  DIALOGUE  PHASE ########

         TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

         'OPSER' NOT RUNNING

         MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>?  0

         04:45 PM 10-NOV-80  ######## WARNING  MESSAGE  PHASE ########
         FURTHER LOGINS ARE NOW DISABLED

         04:45 PM 10-NOV-80  ######## INITIAL JOB KILLING PHASE ########

         04:45 PM 10-NOV-80  ######## REMOVE RTS/RES LIB  PHASE ########

         04:45 PM 10-NOV-80  ######## SWAP FILE REMOVAL  PHASE ########

         04:45 PM 10-NOV-80  ######## DISK   DISMOUNT    PHASE ########

         04:45 PM 10-NOV-80  ######## FINAL  SHUTDOWN    PHASE ########

         PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF
```

```
RSTS V7.0-07 * NIKA CORP * (DP0)


   OPTION: IN

   SIL <RSTS>? PATCH


   OPTION:

   YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

   YOU CURRENTLY HAVE CRASH DUMP ENABLED.

   10-NOV-80?
   04:46 PM?
   INIT    V7.0-07A          RSTS V7.0-07 * NIKA CORP *

   COMMAND FILE NAME?
   DETACHING...



   ^C
   HELLO 1/10
   PASSWORD:



   >
   >RUN $UTILTY
   UTILTY  V7.0-07B          RSTS V7.0-07 * NIKA CORP *
   #ADD RT11
   #ADD RMS11
   #ADD BASIC
   #ADD TECO
   #EXIT
   >BYE/F




   ATTACHING TO JOB 1
```

```
DETACHING...


^C
HELLO 1/10
PASSWORD:



>
>RUN (1,2)UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:



>
>RUN $TTYSET
TTYSET  V7.0-07A        RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? KB0:;FILL LA30S;LC INPUT
FOR KB0:? KB8:;LA120;SPEED 4800
FOR KB8:? KB9:;VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F
```

```
        ATTACHING TO JOB 1
        DETACHING...



        ^C
        HELLO 1/10
        PASSWORD:


        >
        >RUN SY:(1,7)OPSER
        OPSER   V7.0-07 RSTS V7.0-07 * NIKA CORP *
        'OPSER' FILES NOT FOUND - WILL INITIALIZE.
        #DETACH
        DETACHING . . .



        ^C
        HELLO 1/10
        PASSWORD:
        JOB 2 IS DETACHED UNDER THIS ACCOUNT
        JOB NUMBER TO ATTACH TO?
        1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



        >RUN SY:(1,7)QUEMAN
        QUEMAN  V7.0-07 RSTS V7.0-07 * NIKA CORP *
        'QUEUE.WRK' NOT FOUND - WILL INITIALIZE
        NO QUEUE FILE FOUND -- WILL INITIALIZE
        STARTED AT: 04:47 PM ON 10-NOV-80

        JOB #3 'QUEMAN' PUT ONLINE
        INITIALIZED
        #DETACH/PRIORITY:0
        DETACHING . . .



        ^C
        HELLO 1/10
        PASSWORD:
        JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
        JOB NUMBER TO ATTACH TO?
        2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



        >RUN SY:(1,7)SPOOL
        SPOOL   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
        #LP0:/HEAD:1
        DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>
JOB #4 'LP0SPL' PUT ONLINE

MESSAGE            1 : 10-NOV-80 04:47 PM  JOB:3  DET   QUMRUN[1,10]
          LP0SPL (4) PUT ONLINE
RUN SY:(1,7)BATCH
BATCH  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING...




ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>RUN $UTILTY

JOB #5 'BA0SPL' PUT ONLINE
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#
MESSAGE            2 : 10-NOV-80 04:48 PM  JOB:3  DET   QUMRUN[1,10]
          BA0SPL (5) PUT ONLINE
CCL ATT-ACH=$LOGIN.*;PRIV 30000
#CCL ATP-K=$ATPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
#CCL CNV-=$RMSCNV.TSK;0
#CCL CRE-ATE=$EDIT.*;30000
#CCL DEF-=$RMSDEF.TSK;0
#CCL DFN-=$RMSDFN.TSK;0
#CCL DES-=$RMSDES.TSK;0
#CCL DIS-MOUNT=$UMOUNT.*;PRIV 30000
#CCL DI-RECTORY=$DIRECT.*;PRIV 30000
#CCL DSP-=$RMSDSP.TSK;0
#CCL EDT-=$EDT.TSK;0
#CCL ED-IT=$EDIT.*;30000
```

```
          #CCL FIT-=$FIT.*;PRIV 30000
          #CCL HELLO-=$LOGIN.*;PRIV 0
          #CCL HELP-=$HELP.*;PRIV 30000
          #CCL IFL-=$RMSIFL.TSK;0
          #CCL LBR-=$LBR.TSK;0
          #CCL LIBR-=$LIBR.SAV;8208
          #CCL LIN-K=$LINK.SAV;8208
          #CCL LOG-IN=$LOGIN.*;PRIV 0
          #CCL MACR-O=$MACRO.SAV;8216
          #CCL MAC-=$MAC.TSK;0
          #CCL MAK-E=$TECO.TEC;0
          #CCL MOU-NT=$UMOUNT.*;PRIV 30000
          #CCL MU-NG=$TECO.TEC;0
          #CCL PAT-=$PAT.TSK;0
          #CCL PIP-=$PIP.SAV;8208
          #CCL PL-EASE=$PLEASE.*;PRIV 30000
          #CCL QU-EUE=$QUE.*;PRIV 30000
          #CCL RST-=$RMSRST.TSK;PRIV 0
          #CCL SE-T=$TTYSET.*;PRIV 30000
          #CCL SRT-=$SORT.TSK;0
          #CCL SU-BMIT=$QUE.*;PRIV 30000
          #CCL SW-ITCH=$SWITCH.*;PRIV 30000
          #CCL SY-STAT=$SYSTAT.*;PRIV 30000
          #CCL TE-CO=$TECO.TEC;0
          #CCL TKB-=$TKB.TSK;0
          #CCL TY-PE=$TYPE.TEC;8
          #CCL UT-ILTY=$UTILTY.*;30000
          #EXIT
          >BYE/F




          ATTACHING TO JOB 1
          DETACHING...



          ^C
          HELLO 1/2
          PASSWORD:
          JOB 1 IS DETACHED UNDER THIS ACCOUNT
          JOB NUMBER TO ATTACH TO?
          1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT




          >RUN SY:(1,2)UTILTY
          UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
          #REMOVE LOGICAL LB
          #ADD LOGICAL SY:(1,1)LB
          #EXIT
          >BYE/F
```

```
ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT  V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .



I 1/2\2\
INVALID ENTRY - TRY AGAIN
#1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



>SY/C

MEMORY ALLOCATION TABLE:
 START    END   LENGTH  PERMANENT    TEMPORARY
   0K -    28K (   29K) MONITOR
  29K -    31K (    3K) RSX      RTS
  32K -    39K (    8K) ** XBUF **
  40K -   115K (   76K)  (USER)
 116K -   123K (    8K)  (USER)      BASICS LIB
 124K -  *** END ***
>RYB^U
RUN SHUTUP
SHUTUP    V7.0-07   RSTS V7.0-07 * NIKA CORP *

04:59 PM 10-NOV-80  ######## SET-UP  DIALOGUE   PHASE  ########

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>?  0

04:59 PM 10-NOV-80  ######## WARNING   MESSAGE   PHASE  ########
FURTHER LOGINS ARE NOW DISABLED

 04:59 PM 10-NOV-80  ######## INITIAL JOB KILLING PHASE  ########

 04:59 PM 10-NOV-80  ######## ' OPSER ' SHUTDOWN  PHASE  ########
DETACHING...
```

```
    'OPSER' ATTACHING
    #
    JOB #5 'BA0SPL' TAKEN OFFLINE
    #
    MESSAGE            3 : 10-NOV-80 05:00 PM  JOB:3  DET    QUMRUN[1,10]
            BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE
    #
    JOB #4 'LP0SPL' TAKEN OFFLINE
    #
    MESSAGE            4 : 10-NOV-80 05:00 PM  JOB:3  DET    QUMRUN[1,10]
            LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE
    #
    JOB #3 'QUEMAN' TAKEN OFFLINE
    #'OPSER' TERMINATING



    RE-ATTACHING...

    05:00 PM 10-NOV-80  ########  ' ERRCPY ' SHUTDOWN PHASE  ########

    05:00 PM 10-NOV-80  ########  REMOVE RTS/RES LIB  PHASE  ########

    05:00 PM 10-NOV-80  ########  SWAP FILE  REMOVAL  PHASE  ########

    05:00 PM 10-NOV-80  ########  DISK    DISMOUNT   PHASE  ########

    05:00 PM 10-NOV-80  ########  FINAL   SHUTDOWN   PHASE  ########

    PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF




        RSTS V7.0-07 * NIKA CORP * (DP0)


    OPTION: SAVRES

    10-NOV-80?
    05:01 PM?


    SAV/RES FUNCTION: SAVE

    FROM RSTS DISK? DP0

    *** PACK ID/DEFAULT SAVE SET NAME IS NIKA

    TO DEVICE? MT0:
```
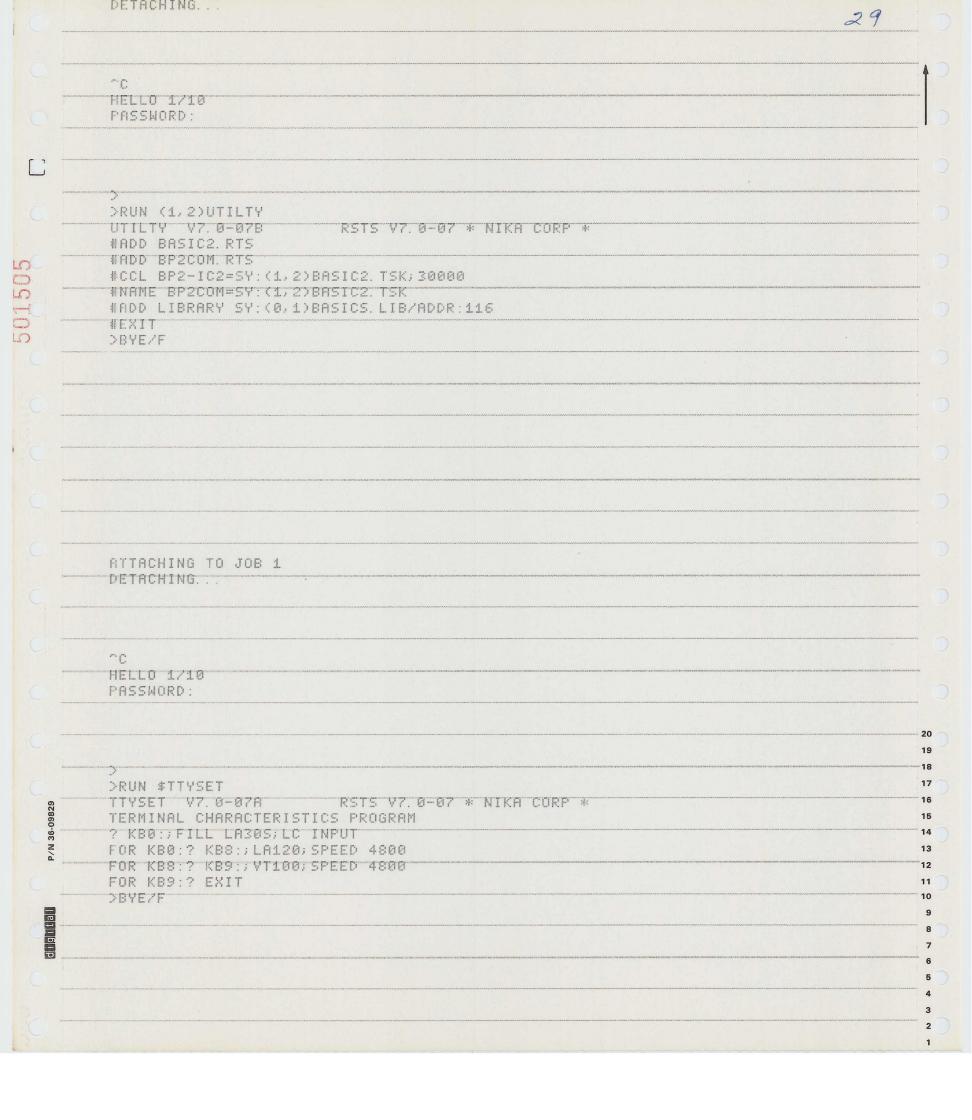
```
*** THE VOLUME ON MT0: IS SAVE SET CORP
        DENSITY:          800
   CREATION DATE:         FRIDAY, 26-SEP-80
   EXPIRATION DATE:       SUNDAY, 12-OCT-80

*** SAVE SET NAME IS NIKA

EXPIRATION DATE <10-NOV-81>? ^Z

TO DEVICE? MT0:

*** THE VOLUME ON MT0: IS SAVE SET CORP
        DENSITY:          800
   CREATION DATE:         FRIDAY, 26-SEP-80
   EXPIRATION DATE:       SUNDAY, 12-OCT-80

*** SAVE SET NAME IS NIKA

EXPIRATION DATE <10-NOV-81>?

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

*** INITIALIZING FIRST SAVE VOLUME

*** BEGIN SAVE FROM DP0: TO MT0: AT 05:05 PM

%%% BAD BLOCK ON INPUT, PCN = 6471

*** BEGIN VERIFY PASS FROM DP0: TO MT0: AT 05:12 PM

*** 0 DIFFERENCES FOUND

%%% BAD BLOCK ON INPUT IN FILE [1,2]SORT.TSK, PCN = 6471

   DISMOUNT DEVICE:       MT0:
        SET NAME:         NIKA
          SEQ #:          1
          DENSITY:        800
   CREATION DATE:         MONDAY, 10-NOV-80
   EXPIRATION DATE:       TUESDAY, 10-NOV-81

        PLEASE LABEL THIS VOLUME!

--- SAVE OPERATION COMPLETED AT 05:22 PM

          SUMMARY REPORT

SAVE OF DP0:NIKA TO SAVE SET NIKA

   INPUT DEVICE:          DP0:
        PACK ID:          NIKA
PACK CLUSTERSIZE:         2
   CREATION DATE:         MONDAY, 10-NOV-80

   OUTPUT DEVICE:         MAGTAPE
        SET NAME:         NIKA
      # OF VOLUMES:       1
          DENSITY:        800
   CREATION DATE:         MONDAY, 10-NOV-80
   EXPIRATION DATE:       TUESDAY, 10-NOV-81

SAVE STARTED ON MONDAY, 10-NOV-80, AT 05:05 PM

          RUN STATISTICS
```

```
        TRANSFER TOTALS:

                TOTAL OF 18578 BLOCKS TRANSFERRED

        ERROR TOTALS:

                TOTAL OF     0 BAD COMPARES.

                TOTAL OF     1 NEW BAD BLOCK ENCOUNTERED ON SOURCE.

        TIMING TOTALS:

                TOTAL ELAPSED TIME:    0 HRS.,  16 MINS.,  42 SECS.
                TOTAL WAIT    TIME:    0 HRS.,   0 MINS.,   0 SECS.
                TOTAL PROCESS TIME:    0 HRS.,  16 MINS.,  42 SECS.


        SAV/RES FUNCTION: IN

        TYPE 'HELP' FOR HELP.

        SAV/RES FUNCTION: IMAGE

        FROM RSTS DISK? DP0

        *** INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

        TO RSTS DP: DISK? DP1

        *** THE VOLUME ON DP1: IS A RSTS DISK
        *** PACK ID IS NIKA

        *** PACK WILL BE REINITIALIZED
        MOUNT IT ANYWAY <NO>? YES

        *** OUTPUT PACK ID IS NIKA

        VERIFY (YES OR NO) <NO>? YES

        PROCEED (YES OR NO)? YES

        *** BEGIN IMAGE COPY FROM DP0: TO DP1: AT 05:24 PM

        %%% BAD BLOCK ON INPUT, PCN = 6471

        *** BEGIN VERIFY PASS FROM DP0: TO DP1: AT 05:26 PM

        *** 0 DIFFERENCES FOUND

        %%% BAD BLOCK ON INPUT IN FILE [1,2]SORT.TSK, PCN = 6471

        DISMOUNT DEVICE:        DP1:
              PACK ID:          NIKA
        PACK CLUSTERSIZE:       2
          CREATION DATE:        MONDAY, 10-NOV-80

              PLEASE LABEL THIS VOLUME!

        --- IMAGE COPY OPERATION COMPLETED AT 05:29 PM

                  SUMMARY REPORT

        IMAGE COPY OF DP0:NIKA TO DP1:NIKA

            INPUT DEVICE:       DP0:
```

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digital

```
                PACK ID:            NIKA
        PACK CLUSTERSIZE:           2
          CREATION DATE:           MONDAY, 10-NOV-80


          OUTPUT DEVICE:           DP1:
                PACK ID:            NIKA
        PACK CLUSTERSIZE:           2
          CREATION DATE:           MONDAY, 10-NOV-80


    IMAGE COPY STARTED ON MONDAY, 10-NOV-80, AT 05:24 PM

                     RUN STATISTICS

    TRANSFER TOTALS:

          TOTAL OF 18466 BLOCKS TRANSFERRED

    ERROR TOTALS:

          TOTAL OF     0 BAD COMPARES.

          TOTAL OF     1 NEW BAD BLOCK ENCOUNTERED ON SOURCE.
          TOTAL OF     0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

          0 FILES STRUCTURALLY ALTERED.

    TIMING TOTALS:

          TOTAL ELAPSED TIME:    0 HRS.,    4 MINS.,   48 SECS.
          TOTAL WAIT     TIME:   0 HRS.,    0 MINS.,    0 SECS.
          TOTAL PROCESS TIME:    0 HRS.,    4 MINS.,   48 SECS.


    SAV/RES FUNCTION: ^Z



    OPTION:
```

```
RSTS V7.0-07 * NIKA CORP * (DP0)

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

DD-MMM-YY? 9 16 AM^U
9:18 AM^U
11-NOV-80
12:01 AM? 9:19 AM
INIT    V7.0-07A        RSTS V7.0-07 * NIKA CORP *

COMMAND FILE NAME?
DETACHING...



^C
HELLO 1/10
PASSWORD:



>
>RUN $UTILTY
UTI07B        RST7.0-07 * NIKA CORP *
#ADD RT11
#ADD RMS11
#ADD BASIC
#ADD TECO
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:
```

```
>
@R0NB(1,2)UTIL$TS07 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK/30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:
```

```
>
>RUN $TTYSET
TTY     , RSTS V07 * NIKA CORP *
TERMINAL CHARACTEISTICS PROGRAM
? KB0:/FILL LA30SLC INPUT
FOR KB0:? KB8:/LA/SPEED 4800
FOR KB8:? KB9:/VT100/SPEED 4800
 FOR KB9:? EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
^C
HELLO 1/10
```

```
PASSWORD:


>
>RUN SY:(1,7)OPSER
OPSER   V7.0-07 RSTS V7.0-07 * NIKA CORP *
#DETACH
DETACHING . . .



^C
HELLO 1/10
PASSWORD:
JOB 2 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,7)QUEMAN
QUEMAN  V7.0-07 RSTS V7.0-07 * NIKA CORP *
STARTED AT: 09:20 AM ON 11-NOV-80
QUEUE FILE DATA CHECKED FOR CONSISTENCY
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE
#
JOB #3 'QUEMAN' PUT ONLINE
DETACH/PRIORITY:0
DETACHING . . .



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,7)SPOOL
SPOOL   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
#LP0:/HEAD:1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT
```

```
MESSAGE              1 : 11-NOV-80 09:20 AM  JOB:3  DET    QUMRUN[1,10]
           LP0SPL (4) PUT ONLINE
RUN SY:(1,7)BATCH
BATCH   V7.0-07B          RSTS V7.0-07 * NIKA CORP *
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING...




ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE              2 : 11-NOV-80 09:21 AM  JOB:3  DET    QUMRUN[1,10]
           BA0SPL (5) PUT ONLINE
RUN $UTILTY
UTILTY  V7.0-07B          RSTS V7.0-07 * NIKA CORP *
#CCL ATT-ACH=$LOGIN.*;PRIV 30000
#CCL ATP-K=$ATPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
#CCL CNV-=$RMSCNV.TSK;0
#CCL CRE-ATE=$EDIT.*;30000
#CCL DEF-=$RMSDEF.TSK;0
#CCL DFN-=$RMSDFN.TSK;0
#CCL DES-=$RMSDES.TSK;0
#CCL DIS-MOUNT=$UMOUNT.*;PRIV 30000
#CCL DI-RECTORY=$DIRECT.*;PRIV 30000
#CCL DSP-=$RMSDSP.TSK;0
#CCL EDT-=$EDT.TSK;0
#CCL ED-IT=$EDIT.*;30000
#CCL FIT-=$FIT.*;PRIV 30000
#CCL HELLO-=$LOGIN.*;PRIV 0
#CCL HELP-=$HELP.*;PRIV 30000
#CCL IFL-=$RMSIFL.TSK;0
#CCL LBR-=$LBR.TSK;0
#CCL LIBR-=$LIBR.SAV;8208
#CCL LIN-K=$LINK.SAV;8208
#CCL LOG-IN=$LOGIN.*;PRIV 0
#CCL MACR-O=$MACRO.SAV;8216
#CCL MAC-=$MAC.TSK;0
#CCL MAK-E=$TECO.TEC;0
#CCL MOU-NT=$UMOUNT.*;PRIV 30000
#CCL MU-NG=$TECO.TEC;0
#CCL PAT-=$PAT.TSK;0
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```
#CCL PIP-=$PIP.SAV;8208
#CCL PL-EASE=$PLEASE.*;PRIV 30000
#CCL QU-EUE=$QUE.*;PRIV 30000
#CCL RST-=$RMSRST.TSK;PRIV 0
#CCL SE-T=$TTYSET.*;PRIV 30000
#CCL SRT-=$SORT.TSK;0
#CCL SU-BMIT=$QUE.*;PRIV 30000
#CCL SW-ITCH=$SWITCH.*;PRIV 30000
#CCL SY-STAT=$SYSTAT.*;PRIV 30000
#CCL TE-CO=$TECO.TEC;0
#CCL TKB-=$TKB.TSK;0
#CCL TY-PE=$TYPE.TEC;8
#CCL UT-ILTY=$UTILTY.*;30000
#EXIT
>BYE/F


ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,2)UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F


ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
```

```
NO
>
ERRINT  V7.0-07 R7 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .


HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



>RUN $ONLPAT
COMMAND FILE NAME? [200,200]MONITR.CMD

!           MONITR.CMD

!

!           SEQ 3.1.4 M, APRIL 1980
!           EXECUTIVE
!           MONITOR PATCHES
! CORRECT PLAS CREATE WINDOW PROBLEM
! MANDATORY MONITOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! NOTE: THIS PATCH WILL FAIL IF RESIDENT LIBRARIES ARE
!        NOT CONFIGURED ON YOUR SYSTEM.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? $$0301
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
 041562  000000   000000   ? 0!10
 041562  000002   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? EMT
BASE ADDRESS? LIB
OFFSET ADDRESS? 1132
 BASE    OFFSET   OLD      NEW?
 136154  001132   022700   ? 4737
 136154  001134   000007   ? EMTPAT
 136154  001136   103770   ? 103370
 136154  001140   116101   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? EMTPAT
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
 120000  000000   000000   ? 16403
 120000  000002   000000   ? 4
 120000  000004   000000   ? 1403
 120000  000006   000000   ? 5303
 120000  000010   000000   ? 72327
 120000  000012   000000   ? 177771
 120000  000014   000000   ? 60003
 120000  000016   000000   ? 116505
```

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120000   000020   000000   ? 16
120000   000022   000000   ? 62705
120000   000024   000000   ? 3
120000   000026   000000   ? 6205
120000   000030   000000   ? 6205
120000   000032   000000   ? 162705
120000   000034   000000   ? 10
120000   000036   000000   ? 5405
120000   000040   000000   ? 20305
120000   000042   000000   ? 207
120000   000044   000000   ? ^C
PATCH COMPLETE




!        SEQ 3.1.5 M, APRIL 1980
!        EXECUTIVE
!          MONITOR PATCHES
! CERTAIN TIMING PROBLEMS MAY CAUSE SYSTEM TO JUMP TO 0 AND CRASH
! MANDATORY MONITOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? $$0301
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
041562   000000   000010   ? Q!20
041562   000002   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? SYDVR
OFFSET ADDRESS? 232+(32*(LRGFIL=0))
 BASE    OFFSET   OLD      NEW?
062416   000232   004737   ? <LF>
062416   000234   057224   ? PATCH+34
062416   000236   000261   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? PATCH
OFFSET ADDRESS? 34
 BASE    OFFSET   OLD      NEW?
040472   000034   000000   ? 5003
040472   000036   000000   ? 137
040472   000040   000000   ? FNDJOB
040472   000042   000000   ? ^C
PATCH COMPLETE




!        SEQ 3.1.61980
!        EXECUTIVE
!          MONITOR PATCHES
! CORRECT HANDLING OF PARITY MEMORY
! MANDATORY MONITOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [0L
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? $$0301
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
```

```
041562  000000  000030  ? Q!40
041562  000002  000000  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? UNISCN
OFFSET ADDRESS? 272
 BASE    OFFSET  OLD      NEW?
030024  000272  011111  ? 240
030024  000274  005012  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? FTLSCN
OFFSET ADDRESS? 204
 BASE    OFFSET  OLD      NEW?
050060  000204  000114  ? <LF>
050060  000206  000421  ? 404
050060  000210  012737  ? ^C
PATCH COMPLETE




!         SEQ 3.1.7 M, JULY 1980
!         EXECUTIVE
!         MONITOR PATCHES
! DISK STATISTICS WILL NOT BE CORRECT WITH DATA CACHING ENABLED
! MANDATORY MONITOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! NOTE: THIS PATCH WILL FAIL IF THE OPTIONAL STATISTICS CODE
!       WAS NOT INCLUDED ON YOUR SYSTEM.

FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? DSTAT
OFFSET ADDRESS? 34
 BASE    OFFSET  OLD      NEW?
062126  000034  004767  ? 4737
062126  000036  177740  ? PATCH+56
062126  000040  012703  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 104
 BASE    OFFSET  OLD      NEW?
062126  000104  026427  ? 4737
062126  000106  000004  ? PATCH+70
062126  000110  051536  ? 20127
062126  000112  001430  ? SWDNE
062126  000114  005203  ? 1427
062126  000116  026427  ? 5203
062126  000120  000004  ? 20127
062126  000122  043104  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? PATCH
OFFSET ADDRESS? 56
 BASE    OFFSET  OLD      NEW?
040472  000056  000000  ? 16401
040472  000060  000000  ? 4
040472  000062  000000  ? 4737
040472  000064  000000  ? DSTAT
040472  000066  000000  ? 207
040472  000070  000000  ? 105764
040472  000072  000000  ? 2
040472  000074  000000  ? 100002
040472  000076  000000  ? 12716
040472  000100  000000  ? DSTAT+260
040472  000102  000000  ? 207
040472  000104  000000  ? ^Z (CTRL/Z FOR NEW OFFSET)
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OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? $$0301
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
041562  000000   000070   ? Q!100
041562  000002   000000   ? ^C
PATCH COMPLETE




!
!            SEQ 3.3.8 M, JUNE 1980
!         EXECUTIVE
!           TERMINAL SERVICE PATCHES
! FORM CONTROL DIFFERENCES ON LOCAL ECHO TERMINALS
! MANDATORY TERMINAL SERVICE PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? TER
BASE ADDRESS? TTIJOB
OFFSET ADDRESS? -34
 BASE    OFFSET   OLD      NEW?
127232  177744   132761   ? <LF>
127232  177746   000002   ? <LF>
127232  177750   000032   ? <LF>
127232  177752   001720   ? 137
127232  177754   000736   ? TERPAT
127232  177756   012604   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? TERPAT
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
120000  000000   000000   ? 1003
120000  000002   000000   ? 4537
120000  000004   000000   ? ASCOUF
120000  000006   000000   ? CR
120000  000010   000000   ? 32761
120000  000012   000000   ? 100
120000  000014   000000   ? 10
120000  000016   000000   ? 1413
120000  000020   000000   ? 32761
120000  000022   000000   ? 404
120000  000024   000000   ? 10
120000  000026   000000   ? 1405
120000  000030   000000   ? 42761
120000  000032   000000   ? 404
120000  000034   000000   ? 10
120000  000036   000000   ? 105261
120000  000040   000000   ? 11
120000  000042   000000   ? 137
120000  000044   000000   ? TTISJS
120000  000046   000000   ? 137
120000  000050   000000   ? TTILFS+6
120000  000052   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? RSTS
BASE ADDRESS? $$0303
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
041572  000000   000000   ? Q!200
041572  000002   000000   ? ^C
PATCH COMPLETE
```

```
!          SEQ 3.5.10 M, FEBRUARY 1980
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! UU.SYS RETURNS INCORRECT CONTROLLING JOB NUMBER
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? OVR
BASE ADDRESS? UUO2ST
OFFSET ADDRESS? 116
  BASE    OFFSET   OLD      NEW?
 032000   000116   005303   ? 6303
 032000   000120   070327   ? 4737
 032000   000122   000014   ? FIPPAT
 032000   000124   062703   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? FIP
BASE ADDRESS? FIPPAT
OFFSET ADDRESS? 0
  BASE    OFFSET   OLD      NEW?
 120000   000000   000000   ? 163703
 120000   000002   000000   ? PKDDDB+10
 120000   000004   000000   ? 70327
 120000   000006   000000   ? 6
 120000   000010   000000   ? 207
 120000   000012   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? RSTS
BASE ADDRESS? $$0305
OFFSET ADDRESS? 1
  BASE    OFFSET   OLD      NEW?
 041602   000001    000     ? Q!2
 041602   000002    000     ? ^C
PATCH COMPLETE


!
!          SEQ 3.5.11 M, MARCH 1980
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! UU.SPL MAY CRASH SYSTEM
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? OVR
BASE ADDRESS? SPL0ST
OFFSET ADDRESS? 412
  BASE    OFFSET   OLD      NEW?
 071000   000412   004537   ? 411
 071000   000414   123016   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 436
  BASE    OFFSET   OLD      NEW?
 071000   000436   000000   ? 16103
```

```
071000   000440   000000   ? 10
071000   000442   000000   ? 5063
071000   000444   000000   ? 26
071000   000446   000000   ? 4537
071000   000450   000000   ? FJMP
071000   000452   000000   ? $FIPTB+SNDFQ+1
 071000   000454   000000   ? ^C
PATCH COMPLETE


FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? $$0305
OFFSET ADDRESS? 1
 BASE    OFFSET   OLD      NEW?
041602   000001      002   ? Q!4
041602   000002      000   ? ^C
PATCH COMPLETE



!
!          SEQ 3.5.13 M, MAY 1980
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! UU.SYS RETURNS PRIORITY/RUN BURST TO NON-PRIVILEGED USERS
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? OVR
BASE ADDRESS? UUO2ST
OFFSET ADDRESS? 256
 BASE    OFFSET   OLD      NEW?
032000   000256   005721   ? 4737
032000   000260   012124   ? FIPPAT+24
032000   000262   112124   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? FIP
BASE ADDRESS? FIPPAT
OFFSET ADDRESS? 24
 BASE    OFFSET   OLD      NEW?
120000   000024   000000   ? 5721
120000   000026   000000   ? 12124
120000   000030   000000   ? 32761
120000   000032   000000   ? 16000
120000   000034   000000   ? 177744
120000   000036   000000   ? 1002
120000   000040   000000   ? 5064
120000   000042   000000   ? 177776
120000   000044   000000   ? 207
120000   000046   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? RSTS
BASE ADDRESS? $$0305
OFFSET ADDRESS? 1
 BASE    OFFSET   OLD      NEW?
041602   000001      006   ? Q!20
041602   000002      000   ? ^C
```

```
!          SEQ 3.5.14 M, MAY 1980
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! ATTACH SYS CALL DOES NOT PROPERLY CHECK ALL PARAMETERS PASSED TO IT
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? $$0305
OFFSET ADDRESS? 1
 BASE    OFFSET  OLD      NEW?
041602  000001     026  ? Q!40
041602  000002     000  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? OVR
BASE ADDRESS? LIN1ST
OFFSET ADDRESS? 260
 BASE    OFFSET  OLD      NEW?
034000  000260  004737  ? <LF>
034000  000262  124172  ? FIPPAT+46
034000  000264  103737  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? FIP
BASE ADDRESS? FIPPAT
OFFSET ADDRESS? 46
 BASE    OFFSET  OLD      NEW?
120000  000046  000000  ? 5742
120000  000050  000000  ? 16203
120000  000052  000000  ? 10
120000  000054  000000  ? 21063
120000  000056  000000  ? 30
120000  000060  000000  ? 1402
120000  000062  000000  ? 261
120000  000064  000000  ? 207
120000  000066  000000  ? 4737
120000  000070  000000  ? SDM
120000  000072  000000  ? 207
120000  000074  000000  ? ^C
PATCH COMPLETE
```

```
!          SEQ 3.5.180
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! PRE-EXTENDING A FILE WITH /SIZE MAY NOT WORK ON A LARGE FILE SYSTEM
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.

! ***   THIS PATCH IS FOR SYSTEMS GENERATED WITH
!          THE NEW (LARGE) FILE PROCESSOR ONLY ***
!
! NOTE: THIS PATCH CAN NOT BE APPLIED ONLINE TO THE INSTALLED SIL.
!
```

```
        FILE TO PATCH? [0,1]RSTS.SIL
        FILE FOUND IN ACCOUNT [0,1]
        MODULE NAME? OVR
        BASE ADDRESS? OPL5ST
        ADDRESS ABOVE MODULE BOUNDS
        BASE ADDRESS? ^Z (MODULE IS RESIDENT)
        MODULE NAME? FIP
        BASE ADDRESS? OPL5ST
        OFFSET ADDRESS? 534
         BASE    OFFSET   OLD     NEW?
        135654  000534  005764  ? 4737
        135654  000536  000016  ? FIPPAT+74
        135654  000540  001403  ? ^Z (CTRL/Z FOR NEW OFFSET)
        OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
        BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
        MODULE NAME? FIP
        BASE ADDRESS? FIPPAT
        OFFSET ADDRESS? 74
         BASE    OFFSET   OLD     NEW?
        120000  000074  000000  ? 16446
        120000  000076  000000  ? 16
        120000  000100  000000  ? 156416
        120000  000102  000000  ? 5
        120000  000104  000000  ? 5726
        120000  000106  000000  ? 207
        120000  000110  000000  ? ^Z (CTRL/Z FOR NEW OFFSET)
        OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
        BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
        MODULE NAME? RSTS
        BASE ADDRESS? $$0305
        OFFSET ADDRESS? 1
         BASE    OFFSET   OLD     NEW?
        041602  000001     066  ? Q!100
        041602  000002     000  ? ^C
        PATCH COMPLETE


        !
        !         SEQ 3.5.16 M, MAY 1980
        !         EXECUTIVE
        !         FILE PROCESSOR PATCHES
        ! UNLOADING A READ/WRITE LIBRARY OR RUN-TIME SYSTEM MAY
        ! CAUSE UNEXPECTED RESULTS
        ! MANDATORY FILE PROCESSOR PATCH
        ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
        !
        FILE TO PATCH? [0,1]RSTS.SIL
        FILE FOUND IN ACCOUNT [0,1]
        MODULE NAME? OVR
        BASE ADDRESS? RTS0ST
        OFFSET ADDRESS? 150
         BASE    OFFSET   OLD     NEW?
        035000  000150  000137  ? 167
        035000  000152  057106  ? 574
        035000  000154  020302  ? ^Z (CTRL/Z FOR NEW OFFSET)
        OFFSET ADDRESS? 750
         BASE    OFFSET   OLD     NEW?
        035000  000750  000000  ? 32763
        035000  000752  000000  ? 2000
        035000  000754  000000  ? 36
        035000  000756  000000  ? 1404
        035000  000760  000000  ? 5763
        035000  000762  000000  ? 32
        035000  000764  000000  ? 1401
```

```
035000   000766   000000   ? 104403
035000   000770   000000   ? 137
035000   000772   000000   ? REMRTS
035000   000774   000000   ? ^C
PATCH COMPLETE
```

```
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? $$0305
OFFSET ADDRESS? 1
 BASE     OFFSET   OLD      NEW?
041602   000001           166   ? Q!200
041602   000002           000   ? ^C
PATCH COMPLETE
```

```
!          SEQ 3.5.17 M, MAY 1980
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! SYSTEMS GENERATED WITH SMALL FILE PROCESSOR MAY LOSE SMALL BUFFERS
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! ***    THIS PATCH IS FOR SYSTEMS GENERATED WITH THE
!          SMALL FILE PROCESSOR ONLY ***
!
! NOTE: THIS PATCH CAN NOT BE APPLIED ONLINE TO THE INSTALLED SIL.

FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? OVR
BASE ADDRESS? OPN1ST
SYMBOL NOT FOUND IN STB
BASE ADDRESS? ^Z (MODULE IS RESIDENT)
MODULE NAME? FIP
BASE ADDRESS? OPN1ST
SYMBOL NOT FOUND IN STB
BASE ADDRESS?
COMMAND FILE SEQUENCE ERROR
PATCH COMPLETE - NO MODIFICATIONS MADE
```

```
!
!          SEQ 3.5.11980
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! 'RUN' COMMAND MAY NOT FIND A PROGRAM
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! ***    THIS PATCSTEMS GENERATED WITH
!          THE NEW (LARGE) FILE PROCESSOR ONLY ***
!
! NOTE: THIS PATCE APPLIED ONLINE TO THE INSTALLED SIL.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
```

```
MODULE NAME? OVR
BASE ADDRESS? OPL3ST
ADDRESS ABOVE MODULE BOUNDS
BASE ADDRESS? ^Z (MODULE IS RESIDENT)
MODULE NAME? FIP
BASE ADDRESS? OPL3ST
OFFSET ADDRESS? 160
 BASE    OFFSET   OLD      NEW?
133660   000160   026165   ? 4037
133660   000162   000006   ? FIPPAT+130
133660   000164   000006   ? 772
133660   000166   001371   ? 240
133660   000170   005302   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? FIP
BASE ADDRESS? FIPPAT
OFFSET ADDRESS? 130
 BASE    OFFSET   OLD      NEW?
120000   000130   000000   ? 26165
120000   000132   000000   ? 6
120000   000134   000000   ? 6
120000   000136   000000   ? 1005
120000   000140   000000   ? 136527
120000   000142   000000   ? 11
120000   000144   000000   ? 100
120000   000146   000000   ? 1401
120000   000150   000000   ? 5720
120000   000152   000000   ? 200
120000   000154   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? RSTS
BASE ADDRESS? $$0305
OFFSET ADDRESS? 2
 BASE    OFFSET   OLD      NEW?
041602   000002   000000   ? Q!2
041602   000004   000000   ? ^C (UP-ARROW/C TO EXIT)
PATCH COMPLETE




!
!          SEQ 3.5.18 M, JULY 1980
!          EXECUTIVE
!          FILE PROCESSOR PATCHES
! 'RUN' COMMAND MAY NOT FIND A PROGRAM
! MANDATORY FILE PROCESSOR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! ***   THIS PATCH IS FOR SYSTEMS GENERATED WITH THE
!          SMALL FILE PROCESSOR ONLY ***
!
! NOTE: THIS PATCH CAN NOT BE APPLIED ONLINE TO THE INSTALLED SIL.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? OVR
BASE ADDRESS? OPN3ST
SYMBOL NOT FOUND IN STB
BASE ADDRESS? ^Z (MODULE IS RESIDENT)
MODULE NAME? FIP
BASE ADDRESS? OPN3ST
SYMBOL NOT FOUND IN STB
BASE ADDRESS?
```

```
!          SEQ 3.7.7 M, JUNE 1980
!          EXECUTIVE
!          DEVICE DRIVER PATCHES
! DPDSK DRIVER MAY NOT REPORT FATAL ERRORS
! MANDATORY DEVICE DRIVER PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! NOTE: THIS PATCH IS FOR MONITOR SILS WITH THE NON-OVERLAPPED SEEK
!          DP DRIVER (DPDSK). THE PATCH WILL FAIL ON SYSTEMS WHICH DO
!          NOT HAVE RP02/RP03S CONFIGURED AND THOSE USING THE RP02/RP03
!          OVERLAPPED SEEK DRIVER.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? DSK
BASE ADDRESS? DPDSK
OFFSET ADDRESS? 154
 BASE    OFFSET   OLD      NEW?
073476  000154   000036   ? OLD<>005063 4737
073476  000156   105060   ? OLD<>177774 PATCH+42
073476  000160   177511   ? OLD<>012702 ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? RSTS
BASE ADDRESS? PATCH
OFFSET ADDRESS? 42
 BASE    OFFSET   OLD      NEW?
040472  000042   000000   ? 5063
040472  000044   000000   ? 177774
040472  000046   000000   ? 112764
040472  000050   000000   ? 14
040472  000052   000000   ? 20
040472  000054   000000   ? 207
040472  000056   016401   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? ^Z (CTRL/Z FOR NEW MODULE)
MODULE NAME? RSTS
BASE ADDRESS? $$0307
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD      NEW?
041612  000000   000000   ? 0!100
041612  000002   000000   ? ^C
PATCH COMPLETE - NO MODIFICATIONS MADE
```

```
!          SEQ 3.7.8 M, JUNE 1980
!          EXECUTIVE
!          DEVICE DRIVER PATCHES
! TS11 DRIVER MAY HANG JOB
! MANDATORY MSDVR PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! NOTE: THIS PATCH WILL FAIL ON SYSTEMS NOT CONFIGURED FOR THE
!          TS11 MAGNETIC TAPE DRIVER (MSDVR).
!
FILE TO PATCH? [0,1]RSTS.SIL
```

P/N 36-09829

digital

```
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? MSDVR
SYMBOL NOT FOUND IN STB
BASE ADDRESS?
COMMAND FILE SEQUENCE ERROR
PATCH COMPLETE - NO MODIFICATIONS MADE




!
!           SEQ 50.2.1 M, FEBRUARY 1980
!           KMC DRIVERS
!           IBM INTERCONNECT (II) DRIVER
! PUNCH CHANNEL FOR 3780
! MANDATORY IIDVR DEVICE DRIVER PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! NOTE: THIS PATCH WILL FAIL IF THE IBM INTERCONNECT (II) DRIVER
!        IS NOT CONFIGURED ON YOUR SYSTEM.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? IIDINT
SYMBOL NOT FOUND IN STB
BASE ADDRESS?
COMMAND FILE SEQUENCE ERROR
PATCH COMPLETE - NO MODIFICATIONS MADE




!
!           SEQ 50.2.2 M, FEBRUARY 1980
!           KMC DRIVERS
!           IBM INTERCONNECT (II) DRIVER
! DEVICE SELECTION FOR 3780
! MANDATORY IIDVR DEVICE DRIVER PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! NOTE: THIS PATCH WILL FAIL IF THE IBM INTERCONNECT (II) DRIVER
!        IS NOT CONFIGURED ON YOUR SYSTEM.
!
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? IIDVR
SYMBOL NOT FOUND IN STB
BASE ADDRESS?
COMMAND FILE SEQUENCE ERROR
PATCH COMPLETE - NO MODIFICATIONS MADE




!
!           SEQ 50.2.3 M, FEBRUARY 1980
!           KMC DRIVERS
!           IBM INTERCONNECT (II) DRIVER
! END OF FILE FOR 3780
! MANDATORY IIDVR DEVICE DRIVER PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! NOTE: THIS PATCH WILL FAIL IF THE IBM INTERCONNECT (II) DRIVER
```

```
!          IS NOT CONFIGURED ON YOUR SYSTEM.
FILE TO PATCH? [0,1]RSTS.SIL
FILE FOUND IN ACCOUNT [0,1]
MODULE NAME? RSTS
BASE ADDRESS? IIDVR
SYMBOL NOT FOUND IN STB
BASE ADDRESS?
COMMAND FILE SEQUENCE ERROR
PATCH COMPLETE - NO MODIFICATIONS MADE



14 PATCHES INSTALLED
7 PATCHES SKIPPED

COMMAND FILE NAME? ^Z
>SET KB8:LIST
?KB8:LIST IS ILLEGAL
>SET KB8:/LIST
CURRENT SETTINGS:
                    TAB              FORM            LC OUTPUT
                    NO XON           FULL DUPLEX     NO SCOPE
                    LC INPUT         STALL           UPARROW
                    NO ESC SEQ       ESC             CTRL/R
                    RESUME CTRL/C    NO PARITY       NO FILL
                    WIDTH 132        NO DELIMITER    SPEED 4800
>SET KB8:/NO FORM
>SY/6

  6   [OPR]   KB8     ATPK    14/31K    SL          1:20.9   -8/6   ...RSX
>SY/F

SMALL     LARGE    JOBS    HUNG TTY'S        ERRORS
194         1      8/15        0               0
>SY/D

DISK STRUCTURE:
DISK     OPEN     FREE     CLUSTER  ERRORS   NAME    COMMENTS
DP0       18      60640       2       0      NIKA    PUB, DLW
>RUN $PBUILD
PBUILD  V7.0-07 RSTS V7.0-07 * NIKA CORP *
READ FILES TO PATCH FROM <SY:[1,2]>:
COMPILE PATCHED PROGRAMS <YES>:
LIBRARY DEVICE <SY:[1,2]>:
SYSTEM DEVICE <SY0:[1,2]>:
SAVE PATCHED SOURCES <NO>:
#[200,200]RT11.CMD

*** COPYING FILE SY:[200,200]RT11.CMD TO PBLD07.TMP ***

>!
!         RT11.CMD

!         SEQ 22.0 (AND SOME OTHERS, E.G., ONLPAT.SAV)
!         RT-11 EMULATOR AND UTILITIES PACKAGE
! COPYRIGHT (C) 1979, 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!         SEQ 17.6
!         AUTOMATED PATCHING FACILITY PACKAGE
!         ONLPAT.SAV
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
RUN SY:[1,2]ONLPAT.SAV
COMMAND FILE NAME? SY:[200,200]PA1706.001

!         SEQ 17.6.1 M, MARCH 1980
```

```
!       AUTOMATED PATCHING FACILITY PACKAGE
!       ONLPAT.SAV
! DETECTING UP-ARROW/C'S IN COMMAND FILES
! MANDATORY ONLPAT.SAV PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [1,2]ONLPAT.SAV
BASE ADDRESS? INPLIN
OFFSET ADDRESS? 54
 BASE    OFFSET   OLD     NEW?
003274   000054   105725   ? 004737
003274   000056   001376   ? PATCHE
003274   000060   005305   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? PATCHE
OFFSET ADDRESS? 0
 BASE    OFFSET   OLD     NEW?
033240   000000   000000   ? 105725
033240   000002   000000   ? 001417
033240   000004   000000   ? 126527
033240   000006   000000   ? 177777
033240   000010   000000   ? 000136
033240   000012   000000   ? 001372
033240   000014   000000   ? 121527
033240   000016   000000   ? 000103
033240   000020   000000   ? 001367
033240   000022   000000   ? 010500
033240   000024   000000   ? 105740
033240   000026   000000   ? 105725
033240   000030   000000   ? 105025
033240   000032   000000   ? 004737
033240   000034   000000   ? ASCIZ0
033240   000036   000000   ? 004737
033240   000040   000000   ? TYPECR
033240   000042   000000   ? 000207
033240   000044   000000   ? ^C
PATCH COMPLETE


1 PATCH INSTALLED

COMMAND FILE NAME? ^Z
>


!       SEQ 22.2
!       RT-11 EMULATOR PACKAGE
!       RT11.RTS
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
!       AFTER ANY RT11.RTS PATCHES ARE INSTALLED, THEY WILL TAKE EFFECT
!       THE NEXT TIME THE RUN-TIME SYSTEM IS RELOADED.  IF THE
!       RUN-TIME SYSTEM IS ADDED, EXECUTE THE FOLLOWING COMMANDS:
!
!               RUN $UTILTY<CR>
!               <UTILTY'S HEADER LINE>
!               #UNLOAD RT11
!               #EXIT
!
!       IF THE RUN-TIME SYSTEM WAS PREVIOUSLY LOADED PERMANENTLY,
!       RELOAD IT AS FOLLOWS:
!
!               RUN $UTILTY<CR>
```

```
        !
RUN SY:[1,2]ONLPAT.SAV
COMMAND FILE NAME? SY:[200,200]PA2202.001

        !         SEQ 22.2.1 M, APRIL 1980
        !         RT-11 EMULATOR AND UTILITIES PACKAGE
        !         RT11.RTS
        ! RT11 RUN-TIME SYSTEM MAY LOOP ON FATAL ERRORS
        ! MANDATORY RT11.RTS PATCH
        ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
        !
FILE TO PATCH? [0S
FILE FOUND IN ACCOUNT [0,1]
BASE ADDRESS? RT11
OFFSET ADDRESS? 6056
  BASE    OFFSET   OLD       NEW?
 160000   006056   004767   ? 4737
 160000   006060   175564   ? PATCH
 160000   006062   000507   ? ^Z (CTRL/Z FOR NEW OFFSET)
  OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
  BASE ADDRESS? PATCH
  OFFSET ADDRESS? 0
  BASE    OFFSET   OLD       NEW?
 177606   000000   000000   ? 4737
 177606   000002   000000   ? RT11+3646
 177606   000004   000000   ? 13705
 177606   000006   000000   ? 54
 177606   000010   000000   ? 121765
 177606   000012   000000   ? 242
 177606   000014   000000   ? 1401
 177606   000016   000000   ? 207
 177606   000020   000000   ? 4737
 177606   000022   000000   ? RT11+6776
 177606   000024   000000   ? 137
 177606   000026   000000   ? RT11+14234
 177606   000030   000000   ? ^C
PATCH COMPLETE


  1 PATCH INSTALLED

COMMAND FILE NAME? ^Z
>!      SEQ 22.7
        !      RT-11 EMULATOR AND UTILITIES PACKAGE
        !         LINK.SAV
        ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
RUN SY:[1,2]ONLPAT.SAV
COMMAND FILE NAME? SY:[200,200]PA2207.001
        !         SEQ 22.7.1 M, MAY 1980
        !         RT-11 EMULATOR AND UTILITIES PACKAGE
        !         LINK.SAV
        ! ABSOLUTE, CONCATENATED PSECTS NOT PROCESSED CORRECTLY
        ! MANDATORY LINK.SAV PATCH
        ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
        !
FILE TO PATCH? [1,2]LINK.SAV
BASE ADDRESS? 37002
OFFSET ADDRESS? 1606
  BASE    OFFSET   OLD       NEW?
 037002   001606   136027   ? 240
 037002   001610   177775   ? 240
```

```
037002   001612   000040   ? 240
037002   001614   001411   ? 240
037002   001616   016713   ? ^C
PATCH COMPLETE



1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2207.002
 !
 !          SEQ 22.7.2 M, MAY 1980
 !          RT-11 EMULATOR AND UTILITIES PACKAGE
 !          LINK.SAV
 ! PSECTS ARE NOT ALWAYS MOVED TO THE ROOT WHEN NEEDED
 ! MANDATORY LINK.SAV PATCH
 ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
 !
FILE TO PATCH? [1,2]LINK.SAV
BASE ADDRESS? 15002
OFFSET ADDRESS? 1654
 BASE     OFFSET   OLD      NEW?
015002   001654   042716   ? 137
015002   001656   157777   ? 10630
015002   001660   051610   ? 240
015002   001662   022626   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 5202
 BASE     OFFSET   OLD      NEW?
015002   005202   000000   ? 42716
015002   005204   000000   ? 157777
015002   005206   000000   ? 51610
015002   005210   000000   ? 42766
015002   005212   000000   ? 7777
015002   005214   000000   ? 2
015002   005216   000000   ? 42771
015002   005220   000000   ? 170000
015002   005222   000000   ? 0
015002   005224   000000   ? 56671
015002   005226   000000   ? 2
015002   005230   000000   ? 0
015002   005232   000000   ? 137
015002   005234   000000   ? 5310
015002   005236   000000   ? ^C
PATCH COMPLETE



1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2207.003
 !
 !          SEQ 22.7.980
 !          RT-11 EMULATOR AND UTILITIES PACKAGE
 !          LINK.SAV
 ! CORRECT PROBLEM WHEN LINKING WITH LIBRARIES
 ! MANDATORY LINK.SAV PATCH
 ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
 !
FILE TO PATCH? [1V
BASE ADDRESS? 4306
OFFSET ADDRESS? 1244
 BASE     OFFSET   OLD      NEW?
004306   001244   010667   ? <LF>
004306   001246   174532   ? 2262
```

```
004306  001250  012746  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1642
  BASE    OFFSET   OLD     NEW?
004306  001642  016706  ? <LF>
004306  001644  174134  ? 1664
004306  001646  012667  ? ^C
PATCH COMPLETE


1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2207.004
!       SEQ 22.7.4 M, JUNE 1980
!       RT-11 EMULATOR AND UTILITIES PACKAGE
!       LINK.SAV
! LINK MAY GIVE INCORRECT ERRORS WHEN USING THE .BYTE DIRECTIVE
! MANDATORY LINK.SAV PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [1,2]LINK.SAV
BASE ADDRESS? 37120
OFFSET ADDRESS? 2366
  BASE    OFFSET   OLD     NEW?
037120  002366  174336  ? 2130
037120  002370  060003  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 2414
  BASE    OFFSET   OLD     NEW?
037120  002414  010100  ? 12700
037120  002416  004567  ? 1416
037120  002420  173750  ? 4767
037120  002422  000441  ? 2116
037120  002424  000207  ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? 43640
OFFSET ADDRESS? 0
  BASE    OFFSET   OLD     NEW?
043640  000000  000000  ? 4737
043640  000002  000000  ? 2472
043640  000004  000000  ? 105766
043640  000006  000000  ? 4
043640  000010  000000  ? 100003
043640  000012  000000  ? 105700
043640  000014  000000  ? 100001
043640  000016  000000  ? 110000
043640  000020  000000  ? 207
043640  000022  000000  ? 160001
043640  000024  000000  ? 63701
043640  000026  000000  ? 1414
043640  000030  000000  ? 10100
043640  000032  000000  ? 4537
043640  000034  000000  ? 2136
043640  000036  000000  ? 441
043640  000040  000000  ? 207
043640  000042  000000  ? ^C
PATCH COMPLETE


1 PATCH INSTALLED

COMMAND FILE NAME? ^Z
>!      SEQ 22.10
!       RT-11 EMULATOR AND UTILITIES PACKAGE
```

```
!        MACRO.SAV
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
RUN SY:[1,2]ONLPAT.SAV
COMMAND FILE NAME? SY:[200,200]PA2210.001
!
!        SEQ 22.10.1 M, MAY 1980
!        RT-11 EMULATOR AND UTILITIES PACKAGE
!        MACRO.SAV
! CIS INSTRUCTIONS NOT ASSEMBLED CORRECTLY
! MANDATORY MACRO.SAV PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [1,2]MACRO.SAV
BASE ADDRESS? PSTBAS-606
OFFSET ADDRESS? 660
  BASE     OFFSET   OLD      NEW?
 031724   000660   121200   ? %N
 031724   000662   100000   ? <LF>
 031724   000664   076051   ? 76050
 031724   000666   004500   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 764
  BASE     OFFSET   OLD      NEW?
 031724   000764   076040   ? 76044
 031724   000766   012330   ? ^Z (CTRL/Z FOR NEW OFFSET)
 OFFSET ADDRESS? 1010
   BASE     OFFSET   OLD      NEW?
  031724   001010   121200   ? %N
  031724   001012   100000   ? <LF>
  031724   001014   076050   ? 76052
  031724   001016   013104   ? <LF>
  031724   001020   122140   ? %NL
  031724   001022   100000   ? <LF>
  031724   001024   076055   ? 76053
  031724   001026   015176   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1050
  BASE     OFFSET   OLD      NEW?
 031724   001050   121200   ? %P
 031724   001052   100000   ? <LF>
 031724   001054   076054   ? 76075
 031724   001056   022654   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1254
  BASE     OFFSET   OLD      NEW?
 031724   001254   076042   ? 76040
 031724   001256   050572   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1270
  BASE     OFFSET   OLD      NEW?
 031724   001270   012003   ? %C
 031724   001272   100000   ? <LF>
 031724   001274   076041   ? 76045
 031724   001276   051100   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1450
  BASE     OFFSET   OLD      NEW?
 031724   001450   121200   ? %P
 031724   001452   100000   ? <LF>
 031724   001454   076053   ? 76074
 031724   001456   054117   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1524
  BASE     OFFSET   OLD      NEW?
 031724   001524   076044   ? 76042
 031724   001526   073634   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1574
  BASE     OFFSET   OLD      NEW?
 031724   001574   076043   ? 76041
 031724   001576   074501   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1604
  BASE     OFFSET   OLD      NEW?
```

```
031724   001604   076045   ? 76043
031724   001606   074741   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 1770
  BASE    OFFSET   OLD      NEW?
031724   001770   121200   ? %N
031724   001772   100000   ? <LF>
031724   001774   076052   ? 76051
031724   001776   075131   ? ^C
PATCH COMPLETE



1 PATCH INSTALLED

COMMAND FILE NAME? ^Z
>!       SEQ 22.13
!        RT-11 EMULATOR AND UTILITIES PACKAGE
!        PIP.SAV
! COPYRIGHT (C) 1979, 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
! OPTIONAL PIP PATCHES:
!        SY:[200,200]PA2213.001
!        SY:[200,200]PA2213.002
!        SY:[200,200]PA2213.003
!        SY:[200,200]PA2213.007
!        SY:[200,200]PA2213.010
!        SY:[200,200]PA2213.012

RUN SY:[1,2]ONLPAT.SAV
COMMAND FILE NAME? SY:[200,200]PA2213.008
!
!        SEQ 22.13.8 M, JANUARY 1980
!        RT-11 EMULATOR AND UTILITIES PACKAGE
!        PIP.SAV
! ?I/O CHANNEL NOT OPEN ERRORS WHEN USING THE /ZE OPTION
! MANDATORY PIP.SAV PATCH
! COPYRIGHT (C) 1979, 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [1
                 BASE ADDRESS? SCAN
OFFSET ADDRESS? 16
  BASE    OFFSET   OLD      NEW?
022004
MESSAGE          3 : 11-NOV-80 10:04 AM  JOB:4   DET     SPLRUN[1,10]
        LP0   : HUNG -  JOB: [1,2]PATCHC
 (PUT DEVICE ONLINE TO CONTINUE)
         000016   005067   ? 4737
022004   000020   024102   ? PATCH
022004   000022   005067   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
BASE ADDRESS? PATCH
OFFSET ADDRESS? 0
  BASE    OFFSET   OLD      NEW?
050260   000000   000000   ? 5037
050260   000002   000000   ? BLENG
050260   000004   000000   ? 5037
050260   000006   000000   ? OUTFLG
050260   000010   000000   ? 5037
050260   000012   000000   ? INFLG
050260   000014   000000   ? 207
050260   000016   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? ^C (UP-ARROW/C TO EXIT)
PATCH COMPLETE
```

```
1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2213.011
!         SEQ 22.13.11 M, MAY 1980
!         RT-11 EMULATOR AND UTILITIES PACKAGE
!         PIP.SAV
! "FILE NOT FOUND" NOT REPORTED WHEN TRANSFERRING FROM MAGNETIC TAPE
! MANDATORY PIP.SAV PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [1,2]PIP.SAV
BASE ADDRESS? PIP
OFFSET ADDRESS? 1206
 BASE    OFFSET   OLD      NEW?
002552  001206   001420   ? 1020
002552  001210   005767   ? ^C
PATCH COMPLETE



1 PATCH INSTALLED

COMMAND FILE NAME? SY:[200,200]PA2213.013
!
!         SEQ 22.13.13 M, JULY 1980
!         RT-11 EMULATOR AND UTILITIES PACKAGE
!         PIP.SAV
! PIP DOES NOT CREATE ANSI/D MAGNETIC TAPES PROPERLY
! MANDATORY PIP.SAV PATCH
! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
!
FILE TO PATCH? [1,2]PIP.SAV
BASE ADDRESS? PIPMT
OFFSET ADDRESS? 2466
 BASE    OFFSET   OLD      NEW?
031754  002466   004767   ? 4737
031754  002470   000276   ? PATCH+16
031754  002472   010324   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 4402
 BASE    OFFSET   OLD      NEW?
031754  004402   004467   ? 4737
031754  004404   152026   ? PATCH+56
031754  004406   000005   ? 10412
031754  004410   004167   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 2704
 BASE    OFFSET   OLD      NEW?
031754  002704   011411   ? 12703
031754  002706   042721   ? 6
031754  002710   170000   ? 5021
031754  002712   001003   ? 77302
031754  002714   016761   ? 12721
031754  002716   011344   ? 1000
031754  002720   177776   ? 11411
031754  002722   012700   ? 42711
031754  002724   000006   ? 170000
031754  002726   005021   ? 4737
031754  002730   077002   ? PATCH+146
031754  002732   012767   ? <LF>
031754  002734   000007   ? 11
031754  002736   007532   ? ^Z (CTRL/Z FOR NEW OFFSET)
OFFSET ADDRESS? 3224
 BASE    OFFSET   OLD      NEW?
031754  003224   021527   ? 4737
```

```
    031754  003226  007777  ? PATCH+126
    031754  003230  101006  ? ^Z (CTRL/Z FOR NEW OFFSET)
    OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
    BASE ADDRESS? PATCH
    OFFSET ADDRESS? 16
     BASE    OFFSET   OLD      NEW?
    050260  000016  000000  ? 4737
    050260  000020  000000  ? PACK5D
    050260  000022  000000  ? 5703
    050260  000024  000000  ? 1413
    050260  000026  000000  ? 126027
    050260  000030  000000  ? 177765
    050260  000032  000000  ? 104
    050260  000034  000000  ? 1007
    050260  000036  000000  ? 20364
    050260  000040  000000  ? 177776
    050260  000042  000000  ? 1002
    050260  000044  000000  ? 12703
    050260  000046  000000  ? 4
    050260  000050  000000  ? 162703
    050260  000052  000000  ? 4
    050260  000054  000000  ? 207
    050260  000056  000000  ? 11004
    050260  000060  000000  ? 16002
    050260  000062  000000  ? 2
    050260  000064  000000  ? 72227
    050260  000066  000000  ? 177762
    050260  000070  000000  ? 20227
    050260  000072  000000  ? 177776
    050260  000074  000000  ? 1007
    050260  000076  000000  ? 5710
    050260  000100  000000  ? 1003
    050260  000102  000000  ? 16010
    050260  000104  000000  ? 177776
    050260  000106  000000  ? 402
    050260  000110  000000  ? 62710
    050260  000112  000000  ? 4
    050260  000114  000000  ? 10002
    050260  000116  000000  ? 4437
    050260  000120  000000  ? UNPNUM
    050260  000122  000000  ? 5
    050260  000124  000000  ? 207
    050260  000126  000000  ? 5765
    050260  000130  000000  ? 16
    050260  000132  000000  ? 1402
    050260  000134  000000  ? 62705
    050260  000136  000000  ? 16
    050260  000140  000000  ? 21527
    050260  000142  000000  ? 7777
    050260  000144  000000  ? 207
    050260  000146  000000  ? 126127
    050260  000150  000000  ? 177760
    050260  000152  000000  ? 1
    050260  000154  000000  ? 1002
    050260  000156  000000  ? 12161
    050260  000160  000000  ? 177760
    050260  000162  000000  ? 207
    050260  000164  000000  ? ^C
    PATCH COMPLETE


    1 PATCH INSTALLED

    COMMAND FILE NAME? ^Z
```

```
>!           SEQ 22.14
 !           RT-11 EMULATOR AND UTILITIES PACKAGE
 !           SILUS.SAV
 ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
 RUN SY:[1,2]ONLPAT.SAV
 COMMAND FILE NAME? SY:[200,200]PA2214.001

 !           SEQ 22.14.1 M, MAY 1980
 !           RT-11 EMULATOR AND UTILITIES PACKAGE
 !           SILUS.SAV
 ! LARGE NUMBERS OF SMALL BUFFERS PRINTED INCORRECTLY
 ! MANDATORY SILUS.SAV PATCH
 ! COPYRIGHT (C) 1980 BY DIGITAL EQUIPMENT CORP., MAYNARD, MASS.
 !
 FILE TO PATCH? [1,2]SILUS.SAV/N
 BASE ADDRESS? 0
 OFFSET ADDRESS? 22
  BASE     OFFSET   OLD      NEW?
 000000   000022   022262   ? 22776
 000000   000024   002030   ? ^Z (CTRL/Z FOR NEW OFFSET)
 OFFSET ADDRESS? 50
  BASE     OFFSET   OLD      NEW?
 000000   000050   022262   ? 22776
 000000   000052   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
 OFFSET ADDRESS? 1774
  BASE     OFFSET   OLD      NEW?
 000000   001774   022262   ? 22776
 000000   001776   116700   ? ^Z (CTRL/Z FOR NEW OFFSET)
 OFFSET ADDRESS? 23002
  BASE     OFFSET   OLD      NEW?
 000000   023002   021262   ? 21776
 000000   023004   000000   ? ^Z (CTRL/Z FOR NEW OFFSET)
 OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
 BASE ADDRESS? 1772
 OFFSET ADDRESS? 2154
  BASE     OFFSET   OLD      NEW?
 001772   002154   071027   ? 137
 001772   002156   000144   ? 22262
 001772   002160   010046   ? 50016
 001772   002162   001402   ? ^Z (CTRL/Z FOR NEW OFFSET)
 OFFSET ADDRESS? ^Z (CTRL/Z FOR NEW BASE)
 BASE ADDRESS? 16446
 OFFSET ADDRESS? 3614
  BASE     OFFSET   OLD      NEW?
 016446   003614   000000   ? 71027
 016446   003616   000000   ? 1750
 016446   003620   000000   ? 10046
 016446   003622   000000   ? 1402
 016446   003624   000000   ? 4737
 016446   003626   000000   ? 4202
 016446   003630   000000   ? 5000
 016446   003632   000000   ? 71027
 016446   003634   000000   ? 144
 016446   003636   000000   ? 137
 016446   003640   000000   ? 4152
 016446   003642   000000   ? ^C
 PATCH COMPLETE


 1 PATCH INSTALLED

 COMMAND FILE NAME? ^Z
 >
 >
```

```
>
>!*** PBUILD COMPLETE ***
>RUN $SHUTUP
SHUTUP   V7.0-07   RSTS V7.0-07 * NIKA CORP *

11:06 AM 11-NOV-80  ######## SET-UP  DIALOGUE  PHASE ########

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>?  0

11:21 AM 11-NOV-80  ######## WARNING  MESSAGE  PHASE ########
FURTHER LOGINS ARE NOW DISABLED

11:21 AM 11-NOV-80  ######## INITIAL JOB KILLING PHASE ########

11:21 AM 11-NOV-80  ######## ' OPSER ' SHUTDOWN  PHASE ########
DETACHING...


'OPSER' ATTACHING
#
JOB #5 'BA0SPL' TE
#
MESSAGE          AM  JOB:3  DET    QUMRUN[1,10]
        BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #4 'LP0SPL' TE
#
MESSAGE          AM  JOB:3  DET    QUMRUN[1,10]
        LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #3 'QUEMAN' TNE
#'OPSER' TERMINATING


RE-ATTACHING...

11:22 AM 11-NOV-80  ######## ' ERRCPY ' SHUTDOWN PHASE ########

11:22 AM 11-NOV-80  ######## REMOVE RTS/RES LIB  PHASE ########

11:22 AM 11-NOV-80  ######## SWAP FILE  REMOVAL  PHASE ########

11:22 AM 11-NOV-80  ######## DISK    DISMOUNT    PHASE ########

11:22 AM 11-NOV-80  ######## FINAL   SHUTDOWN    PHASE ########

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF
```

```
RSTS V7.0-07 * NIKA CORP * (DP0)

OPTION: IN

SIL <PATCH>? RSTS


OPTION: HARD LIST

  NAME   ADDRESS  VECTOR   COMMENTS
  TT:    177560   060
  RP:    176700   254     RP03 UNITS: 0 1
  TM:    172520   224
  LP0:   177514   200
  DM0:   170500   300     DH0
  DH0:   160020   310


  KW11L  177546   100
  SR     177570
  DR     177570


  HERTZ = 60.

  OTHER: SL


OPTION: REF

11-NOV-80?
11:24 AM?

DISK?

CLEAN?

  REFRESH SUBOPTION? LIST

  FILE                FILE              CURRENT  MINIMUM   START
  NAME      REQUIRED? FLAGS STATUS      SIZE     SIZE      LBN

SYSTEM FILES:

  SWAP  .SYS   YES   NOD CTG   OK    1860     248      38000
  SWAP0 .SYS   NO              OK
  SWAP1 .SYS   NO              OK
  SWAP3 .SYS   NO              OK
  OVR   .SYS   NO              OK               58
  ERR   .SYS   NO              OK               16
  BUFF  .SYS   NO              OK
  CRASH .SYS   NO    NOD CTG   OK      37       37       888

OTHERS:

  BADB  .SYS         NOD                0
  SATT  .SYS         NOD CTG           10                39992
  INIT  .SYS         NOD CTG          419
  ERR   .ERR         NOD CTG           16                  646
  SYSGEN.SIL             CTG          205
  RT11  .RTS             CTG           20                  868
  RSTS  .SIL         NOD CTG          281                 2328
  BASIC .RTS             CTG           73                 2200
```

				CURRENT	MINIMUM	START
RSX .RTS		NOD CTG		16		2274
RMSSEQ.LIB		CTG		19		8922
RMS11 .RTS		CTG		19		10010
RMSRES.LIB		CTG		103		10460
TECO .RTS		CTG		39		1486
BP2COM.RTS		CTG		21		15952
BASIC2.RTS		CTG		79		16244
BASICS.LIB		CTG		41		16344
PATCH .SIL		CTG		281		14034
DIBOL .RTS		CTG		37		14578
FOCOMP.RTS		CTG		66		14616
DIBOLR.RTS		CTG		37		12666
DICOMP.RTS		CTG		33		12704
FOCOMR.RTS		CTG		66		15618

REFRESH SUBOPTION?

OPTION: REF

11-NOV-80?
11:26 AM?

DISK? DP
UNIT? 1

CLEAN?

REFRESH SUBOPTION? LIST

FILE NAME	REQUIRED?	FILE FLAGS	STATUS	CURRENT SIZE	MINIMUM SIZE	START LBN
SYSTEM FILES:						
SWAP .SYS	NO	NOD CTG	OK	1860		38000
SWAP0 .SYS	NO		OK			
SWAP1 .SYS	NO		OK			
SWAP3 .SYS	NO		OK			
OVR .SYS	NO		OK		58	
ERR .SYS	NO		OK		16	
BUFF .SYS	NO		OK			
CRASH .SYS	NO	NOD CTG	OK	37		888
OTHERS:						
BADB .SYS		NOD		0		
SATT .SYS		NOD CTG		10		19992
INIT .SYS		NOD CTG		419		
ERR .ERR		NOD CTG		16		646
SYSGEN.SIL		CTG		205		
RT11 .RTS		CTG		20		868
RSTS .SIL		CTG		281		2328
BASIC .RTS		CTG		73		2200
RSX .RTS		NOD CTG		16		2274
RMSSEQ.LIB		CTG		19		8922
RMS11 .RTS		CTG		19		10010
RMSRES.LIB		CTG		103		10460
TECO .RTS		CTG		39		1486
BP2COM.RTS		CTG		21		15952
BASIC2.RTS		CTG		79		16244
BASICS.LIB		CTG		41		16344
PATCH .SIL		NOD CTG		281		14034

```
OPTION: BOOT

  BOOT DEVICE? DP1

ENABLING ONLY CONSOLE, DISKS, AND TAPES.


RSTS V7.0 (DP1)


OPTION: BOOT DP0


RSTS V7.0-07 * NIKA CORP * (DP0)


OPTION: SAVRES

11-NOV-80?
11:29 AM?


SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

*** INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

TO RSTS DP: DISK? DP1

*** THE VOLUME ON DP1: IS A RSTS DISK
*** PACK ID IS NIKA

*** PACK WILL BE REINITIALIZED
MOUNT IT ANYWAY <NO>? YES

*** OUTPUT PACK ID IS NIKA

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

*** BEGIN IMAGE COPY FROM DP0: TO DP1: AT 11:30 AM

%%% BAD BLOCK ON INPUT, PCN = 6471

*** BEGIN VERIFY PASS FROM DP0: TO DP1: AT 11:32 AM

*** 0 DIFFERENCES FOUND

%%% BAD BLOCK ON INPUT IN FILE [1,2]SORT.TSK, PCN = 6471

 DISMOUNT DEVICE:          DP1:
           PACK ID:        NIKA
PACK CLUSTERSIZE:          2
   CREATION DATE:          MONDAY, 10-NOV-80

        PLEASE LABEL THIS VOLUME!

--- IMAGE COPY OPERATION COMPLETED AT 11:35 AM
             SUMMARY REPORT
```

```
        IMAGE COPY OF DP0:NIKA TO DP1:NIKA

            INPUT DEVICE:        DP0:
                 PACK ID:        NIKA
        PACK CLUSTERSIZE:        2
           CREATION DATE:        MONDAY, 10-NOV-80

            OUTPUT DEVICE:       DP1:
                 PACK ID:        NIKA
        PACK CLUSTERSIZE:        2
           CREATION DATE:        MONDAY, 10-NOV-80

        IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 11:30 AM

                        RUN STATISTICS

        TRANSFER TOTALS:

              TOTAL OF 19938 BLOCKS TRANSFERRED

        ERROR TOTALS:

              TOTAL OF      0 BAD COMPARES.

              TOTAL OF      1 NEW BAD BLOCK ENCOUNTERED ON SOURCE.
              TOTAL OF      0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

                  0 FILES STRUCTURALLY ALTERED.

        TIMING TOTALS:

              TOTAL ELAPSED TIME:   0 HRS.,   5 MINS.,  23 SECS.
              TOTAL WAIT    TIME:   0 HRS.,   0 MINS.,   0 SECS.
              TOTAL PROCESS TIME:   0 HRS.,   5 MINS.,  23 SECS.


        SAV/RES FUNCTION: ^Z


        OPTION:

        YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

        YOU CURRENTLY HAVE CRASH DUMP ENABLED.

        11-NOV-80?
        11:37 AM?
        INIT    V7.0-07A           RSTS V7.0-07 * NIKA CORP *

        COMMAND FILE NAME?
        DETACHING...




        ^C
        HELLO 1/10
        PASSWORD:



        >
        >RUN $UTILTY
        UTILTY  V7.0-07B          RSTS V7.0-07 * NIKA CORP *
```

```
#ADD RT11
#ADD RMS11
#ADD BASIC
#ADD DICOMP
#ADD DIBOL
#ADD DIBOLR
#ADD FOCOMP
#ADD FOCOMR
#ADD TECO
#EXIT
>BYE/F




       ATTACHING TO JOB 1
       DETACHING...


       ^C
       HELLO 1/10
       PASSWORD:


       >
       >RUN (1,2)UTILTY
       UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
       #ADD BASIC2.RTS
       #ADD BP2COM.RTS
       #CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
       #NAME BP2COM=SY:(1,2)BASIC2.TSK
       #ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
       #EXIT
       >BYE/F




       ATTACHING TO JOB 1
       DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:


>
>RUN $TTYSET
TTYSET  V7.0-07A      RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? KB0:;FILL LA30S;LC INPUT
FOR KB0:? KB8:;LA120;SPEED 4800
FOR KB8:? KB9:;VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:


>
>RUN SY:(1,7)OPSER
OPSER   V7.0-07 RSTS V7.0-07 * NIKA CORP *
#DETACH
DETACHING . . .



^C
HELLO 1/10
PASSWORD:
JOB 2 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,7)QUEMAN
QUEMAN  V7.0-07 RSTS V7.0-07 * NIKA CORP *
STARTED AT: 11:38 AM ON 11-NOV-80
QUEUE FILE DATA CHECKED FOR CONSISTENCY
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE
```

```
#
JOB #3 'QUEMAN' PUT ONLINE
DETACH/PRIORITY:0
DETACHING . . .




^C
HELLO 1/10
PASSWORD:
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT




>RUN SY:(1,7)SPOOL
SPOOL    V7.0-07A        RSTS V7.0-07 * NIKA CORP *
#LP0:/HEAD:1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>
JOB #4 'LP0SPL' PUT ONLINE

MESSAGE             1 : 11-NOV-80 11:38 AM  JOB:3  DET    QUMRUN[1,10]
           LP0SPL (4) PUT ONLINE
RUN SY:(1,7)BATCH
BATCH    V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING...



ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT
```

```
>
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE          2 : 11-NOV-80 11:39 AM  JOB:3  DET    QUMRUN[1,10]
          BA0SPL (5) PUT ONLINE
RUN $UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#CCL ATT-ACH=$LOGIN.*;PRIV 30000
#CCL ATP-K=$ATPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
#CCL CNV-=$RMSCNV.TSK;0
#CCL CRE-ATE=$EDIT.*;30000
#CCL DEF-=$RMSDEF.TSK;0
#CCL DFN-=$RMSDFN.TSK;0
#CCL DES-=$RMSDES.TSK;0
#CCL DIS-MOUNT=$UMOUNT.*;PRIV 30000
#CCL DI-RECTORY=$DIRECT.*;PRIV 30000
#CCL DSP-=$RMSDSP.TSK;0
#CCL EDT-=$EDT.TSK;0
#CCL ED-IT=$EDIT.*;30000
#CCL FIT-=$FIT.*;PRIV 30000
#CCL HELLO-=$LOGIN.*;PRIV 0
#CCL HELP-=$HELP.*;PRIV 30000
#CCL IFL-=$RMSIFL.TSK;0
#CCL LBR-=$LBR.TSK;0
#CCL LIBR-=$LIBR.SAV;8208
#CCL LIN-K=$LINK.SAV;8208
#CCL LOG-IN=$LOGIN.*;PRIV 0
#CCL MACR-O=$MACRO.SAV;8216
#CCL MAC-=$MAC.TSK;0
#CCL MAK-E=$TECO.TEC;0
#CCL MOU-NT=$UMOUNT.*;PRIV 30000
#CCL MU-NG=$TECO.TEC;0
#CCL PAT-=$PAT.TSK;0
#CCL PIP-=$PIP.SAV;8208
#CCL PL-EASE=$PLEASE.*;PRIV 30000
#CCL QU-EUE=$QUE.*;PRIV 30000
#CCL RST-=$RMSRST.TSK;PRIV 0
#CCL SE-T=$TTYSET.*;PRIV 30000
#CCL SRT-=$SORT.TSK;0
#CCL SU-BMIT=$QUE.*;PRIV 30000
#CCL SW-ITCH=$SWITCH.*;PRIV 30000
#CCL SY-STAT=$SYSTAT.*;PRIV 30000
#CCL TE-CO=$TECO.TEC;0
#CCL TKB-=$TKB.TSK;0
#CCL TY-PE=$TYPE.TEC;0
#CCL UT-ILTY=$UTILTY.*;30000
#EXIT
>BYE/F




ATTACHING TO JOB 1
```

```
^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,2)UTILTY
UTILTY  V7.0-07B       RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F




ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT  V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .



I 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>RUN SHUTUP
SHUTUP  V7.0-07   RSTS V7.0-07 * NIKA CORP *

12:14 PM 11-NOV-80  ########  SET-UP   DIALOGUE   PHASE   ########

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?
```

MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>? 0

12:15 PM 11-NOV-80 ######## WARNING MESSAGE PHASE ########
FURTHER LOGINS ARE NOW DISABLED

12:15 PM 11-NOV-80 ######## INITIAL JOB KILLING PHASE ########

12:15 PM 11-NOV-80 ######## ' OPSER ' SHUTDOWN PHASE ########
DETACHING...

'OPSER' ATTACHING
#
JOB #5 'BA0SPL' TAKEN OFFLINE
#
MESSAGE   3 : 11-NOV-80 12:15 PM JOB:3 DET QUMRUN[1,10]
        BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #4 'LP0SPL' TAKEN OFFLINE
#
MESSAGE   4 : 11-NOV-80 12:15 PM JOB:3 DET QUMRUN[1,10]
        LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #3 'QUEMAN' TAKEN OFFLINE
#'OPSER' TERMINATING

RE-ATTACHING...

12:15 PM 11-NOV-80 ######## ' ERRCPY ' SHUTDOWN PHASE ########

12:15 PM 11-NOV-80 ######## REMOVE RTS/RES LIB PHASE ########

12:15 PM 11-NOV-80 ######## SWAP FILE REMOVAL PHASE ########

12:15 PM 11-NOV-80 ######## DISK   DISMOUNT   PHASE ########

12:15 PM 11-NOV-80 ######## FINAL SHUTDOWN   PHASE ########

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 * NIKA CORP * (DP0)

OPTION: REF

11-NOV-80?
12:16 PM?

```
DISK?

CLEAN?

  REFRESH SUBOPTION? BADS

    BADS? LIST

    THERE ARE NO BAD BLOCKS.

    BADS? ADD

    BLOCK NUMBER? 6471

    REALLY ADD LOGICAL BLOCK 6471 TO BADB.SYS? YES

    BLOCK NUMBER? ^Z

    BADS? LIST

    PACK CLUSTER SIZE = 2

    BAD CLUSTERS BEGIN AT LOGICAL BLOCK NUMBERS:

   6470

    BADS? ^Z

DISK IS BEING CLEANED - WAIT ...

[1,6]ERRDAT.FIL HAS A BAD BLOCK.
DELETE? NO

  REFRESH SUBOPTION?


OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

11-NOV-80?
12:22 PM?
INIT    V7.0-07A        RSTS V7.0-07 * NIKA CORP *

COMMAND FILE NAME?
DETACHING...



^C
HELLO 1/10
PASSWORD:



>
>RUN $UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#ADD RT11
#ADD RMS11
#ADD BASIC
```

```
#ADD DICOMP
#ADD DIBOL
#ADD DIBOLR
#ADD FOCOMP
#ADD FOCOMR
#ADD TECO
#EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:



>
>RUN (1,2)UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F






ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:
```

```
>
>RUN $TTYSET
TTYSET  V7.0-07A       RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? KB0:;FILL LA30S;LC INPUT
FOR KB0:? KB8:;LA120;SPEED 4800
FOR KB8:? KB9:;VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:
```

```
>
>RUN SY:(1,7)OPSER
OPSER   V7.0-07 RSTS V7.0-07 * NIKA CORP *
#DETACH
DETACHING . . .
```

```
^C
HELLO 1/10
PASSWORD:
JOB 2 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
>RUN SY:(1,7)QUEMAN
QUEMAN  V7.0-07 RSTS V7.0-07 * NIKA CORP *
STARTED AT: 12:23 PM ON 11-NOV-80
QUEUE FILE DATA CHECKED FOR CONSISTENCY
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE
#
JOB #3 'QUEMAN' PUT ONLINE
DETACH/PRIORITY:0
```

```
^C
HELLO 1/10
PASSWORD:
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,7)SPOOL
SPOOL    V7.0-07A        RSTS V7.0-07 * NIKA CORP *
#LP0:/HEAD:1
DET^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,7)BATCH
BATCH    V7.0-07B        RSTS V7.0-07 * NIKA CORP *

JOB #4 'LP0SPL' PUT ONLINE

MESSAGE            1 : 11-NOV-80 12:23 PM  JOB:3   DET    QUMRUN[1,10]
          LP0SPL (4) PUT ONLINE
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING. . .



ATTACHING TO JOB 1
DETACHING. . .


^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE            2 : 11-NOV-80 12:24 PM  JOB:3   DET    QUMRUN[1,10]
          BA0SPL (5) PUT ONLINE
RUN $UTILTY
UTILTY   V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#CCL ATT-ACH=$LOGIN.*;PRIV 30000
```

```
#CCL ATP-K=$ATPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
#CCL CNV-=$RMSCNV.TSK;0
#CCL CRE-ATE=$EDIT.*;30000
#CCL DEF-=$RMSDEF.TSK;0
#CCL DFN-=$RMSDFN.TSK;0
#CCL DES-=$RMSDES.TSK;0
#CCL DIS-MOUNT=$UMOUNT.*;PRIV 30000
#CCL DI-RECTORY=$DIRECT.*;PRIV 30000
#CCL DSP-=$RMSDSP.TSK;0
#CCL EDT-=$EDT.TSK;0
#CCL ED-IT=$EDIT.*;30000
#CCL FIT-=$FIT.*;PRIV 30000
#CCL HELLO-=$LOGIN.*;PRIV 0
#CCL HELP-=$HELP.*;PRIV 30000
#CCL IFL-=$RMSIFL.TSK;0
#CCL LBR-=$LBR.TSK;0
#CCL LIBR-=$LIBR.SAV;8208
#CCL LIN-K=$LINK.SAV;8208
#CCL LOG-IN=$LOGIN.*;PRIV 0
#CCL MACR-O=$MACRO.SAV;8216
#CCL MAC-=$MAC.TSK;0
#CCL MAK-E=$TECO.TEC;0
#CCL MOU-NT=$UMOUNT.*;PRIV 30000
#CCL MU-NG=$TECO.TEC;0
#CCL PAT-=$PAT.TSK;0
#CCL PIP==$PIP.SAV;8208
#CCL PL-EASE=$PLEASE.*;PRIV 30000
#CCL QU-EUE=$QUE.*;PRIV 30000
#CCL RST-=$RMSRST.TSK;PRIV 0
#CCL SE-T=$TTYSET.*;PRIV 30000
#CCL SRT-=$SORT.TSK;0
#CCL SU-BMIT=$QUE.*;PRIV 30000
#CCL SW-ITCH=$SWITCH.*;PRIV 30000
#CCL SY-STAT=$SYSTAT.*;PRIV 30000
#CCL TE-CO=$TECO.TEC;0
#CCL TKB-=$TKB.TSK;0
#CCL TY-PE=$TYPE.TEC;8
#CCL UT-ILTY=$UTILTY.*;30000
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
```

80

```
>RUN SY:(1,2)UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT  V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .
```

```
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
>SY/FD
```

```
DISK STRUCTURE:
DISK    OPEN    FREE    CLUSTER ERRORS  NAME    COMMENTS
DP0     21      59960     2       0     NIKA    PUB, DLW

SMALL   LARGE   JOBS    HUNG TTY'S      ERRORS
201       1     7/15       0              0
>RUN \
?ILLEGAL FILE NAME
>RUN SHUTUP
SHUTUP  V7.0-07   RSTS V7.0-07 * NIKA CORP *

12:43 PM 11-NOV-80  ########  SET-UP  DIALOGUE  PHASE  ########

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
```

```
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>?  0

 12:43 PM 11-NOV-80  ########  WARNING   MESSAGE   PHASE  ########
FURTHER LOGINS ARE NOW DISABLED

 12:43 PM 11-NOV-80  ########  INITIAL JOB KILLING PHASE  ########

 12:44 PM 11-NOV-80  ########  ´ OPSER ´ SHUTDOWN  PHASE  ########
DETACHING...



´OPSER´ ATTACHING
#
JOB #5 ´BA0SPL´ TAKEN OFFLINE
#
MESSAGE            3 : 11-NOV-80 12:44 PM  JOB:3  DET   QUMRUN[1,10]
        BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #4 ´LP0SPL´ TAKEN OFFLINE
#
MESSAGE            4 : 11-NOV-80 12:44 PM  JOB:3  KB??:  QUMRUN[1,10]
        LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #3 ´QUEMAN´ TAKEN OFFLINE
#´OPSER´ TERMINATING



RE-ATTACHING...

 12:44 PM 11-NOV-80  ########  ´ ERRCPY ´ SHUTDOWN PHASE  ########

 12:44 PM 11-NOV-80  ########  REMOVE RTS/RES LIB  PHASE  ########

 12:44 PM 11-NOV-80  ########  SWAP FILE  REMOVAL  PHASE  ########

 12:44 PM 11-NOV-80  ########  DISK    DISMOUNT   PHASE  ########

 12:44 PM 11-NOV-80  ########  FINAL   SHUTDOWN   PHASE  ########

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF
```

```
20
19
18
17
16
15
14
13
12
11
10
 9
 8
 7
RSTS V7.0-07 * NIKA CORP * (DP0)          6
                                          5
                                          4
OPTION: REF                               3
                                          2
11-NOV-80?                                1
```

12:45 PM?

DISK?

CLEAN? YES

DISK IS BEING CLEANED - WAIT ...

[1,6]ERRDAT.FIL HAS A BAD BLOCK.
DELETE? NO

   REFRESH SUBOPTION?

OPTION: IMAGE
INVALID OPTION.   TYPE 'HELP' FOR HELP.

OPTION: SAVRES

11-NOV-80?
12:46 PM?

SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

*** INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

TO RSTS DP: DISK? DP1

*** THE VOLUME ON DP1: IS A RSTS DISK
*** PACK ID IS NIKA

*** PACK WILL BE REINITIALIZED
MOUNT IT ANYWAY <NO>? YES

*** OUTPUT PACK ID IS NIKA

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

*** BEGIN IMAGE COPY FROM DP0: TO DP1: AT 12:47 PM

*** BEGIN VERIFY PASS FROM DP0: TO DP1: AT 12:49 PM

*** 0 DIFFERENCES FOUND

 DISMOUNT DEVICE: DP1:
          PACK ID: NIKA
PACK CLUSTERSIZE: 2
   CREATION DATE: MONDAY, 10-NOV-80

      PLEASE LABEL THIS VOLUME!

    IMAGE COPY OPERATION COMPLETED AT 12:52 PM

              SUMMARY REPORT

IMAGE COPY OF DP0:NIKA TO DP1:NIKA

    INPUT DEVICE: DP0:
          PACK ID: NIKA
PACK CLUSTERSIZE: 2
   CREATION DATE: MONDAY, 10-NOV-80

```
       OUTPUT DEVICE:      DP1:
            PACK ID:        NIKA
   PACK CLUSTERSIZE:        2
      CREATION DATE:        MONDAY, 10-NOV-80

 IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 12:47 PM

                      RUN STATISTICS

 TRANSFER TOTALS:

            TOTAL OF 20010 BLOCKS TRANSFERRED

 ERROR TOTALS:

            TOTAL OF     0 BAD COMPARES.

            TOTAL OF     0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.
            TOTAL OF     0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

            0 FILES STRUCTURALLY ALTERED.

 TIMING TOTALS:

            TOTAL ELAPSED TIME:   0 HRS.,    4 MINS.,   41 SECS.
            TOTAL WAIT    TIME:   0 HRS.,    0 MINS.,    0 SECS.
            TOTAL PROCESS TIME:   0 HRS.,    4 MINS.,   41 SECS.


 SAV/RES FUNCTION:  ^Z


 OPTION:

 YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

 YOU CURRENTLY HAVE CRASH DUMP ENABLED.

 11-NOV-80?
 12:53 PM?
 INIT    V7.0-07A        RSTS V7.0-07 * NIKA CORP *

 COMMAND FILE NAME?
 DETACHING...
```

```
 ^C
 HELLO 1/10
 PASSWORD:



 >
 >RUN $UTILTY
 UTI7B        RSTS.0-07 * NIKA CORP *
 #ADD RT11
 #ADD RMS11
 #ADD BASIC
 #ADD DICOMP
 #ADD DIBOL
 #ADD DIBOLR
 #ADD FOCOMP
```

```
#ADD FOCOMR
#ADD TECO
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:
```

```
>
DRBN (1,2)UWSIISYV7 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:
```

```
>
```

```
>RUN $TTYSET
TTY         RSTS V-07 * NIKA CORP *
TERMINAL CHARACTEISTICS PROGRAM
? KB0:;FILL LA30SLC INPUT
FOR KB0:? KB8:;LA;SPEED 4800
FOR KB8:? KB9:;VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:
```

```
>
>RUN SY:(1,7)OPSE
                OPSER    V7.0-07 RSTS V7.0-07 * NIKA CORP *
#DETACH
DETACHING . . .
```

```
^C
HELLO 1/10
PASSWORD:
JOB 2 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
>RUN SY:(1,7)QUEMAN
QUEMAN  V7.0-07 RSTS V7.0-07 * NIKA CORP *
STARTED AT: 12:54 PM ON 11-NOV-80
QUEUE FILE DATA CHECKED FOR CONSISTENCY
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE
#
JOB #3 'QUEMAN' PUT ONLINE
DETACH/PRIORITY:0
DETACHING^C
HELLO 1/10
PASSWORD:
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
```

```
>RUN SY:(1,7)SPOOL
SPOOL   V7.0-07A         RSTS V7.0-07 * NIKA CORP *
#LP0:/HEAD:1
DETACHING...


^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>
JOB #4 'LP0SPL' PUT ONLINE
RUN SY:(1,7)BATCH
BATCH   V7.0-07B         RSTS V7.0-07 * NIKA CORP *

MESSAGE          1 : 11-NOV-80 12:54 PM  JOB:3  DET    QUMRUN[1,10]
          LP0SPL (4) PUT ONLINE
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING...



ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>RUN $UTILTY
UTILTY  V7.0-07B         RSTS V7.0-07 * NIKA CORP *
#
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE          2 : 11-NOV-80 12:55 PM  JOB:3  DET    QUMRUN[1,10]
          BA0SPL (5) PUT ONLINE
CCL ATT-ACH=$LOGIN.*;PRIV 30000
#CCL ATP-K=$ATPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
```

```
#CCL  CNV-=$RMSCNV. TSK; 0
#CCL  CRE-ATE=$EDIT. *; 30000
#CCL  DEF-=$RMSDEF. TSK; 0
#CCL  DFN-=$RMSDFN. TSK; 0
#CCL  DES-=$RMSDES. TSK; 0
#CCL  DIS-MOUNT=$UMOUNT. *; PRIV 30000
#CCL  DI-RECTORY=$DIRECT. *; PRIV 30000
#CCL  DSP-=$RMSDSP. TSK; 0
#CCL  EDT-=$EDT. TSK; 0
#CCL  ED-IT=$EDIT. *; 30000
#CCL  FIT-=$FIT. *; PRIV 30000
#CCL  HELLO-=$LOGIN. *; PRIV 0
#CCL  HELP-=$HELP. *; PRIV 30000
#CCL  IFL-=$RMSIFL. TSK; 0
#CCL  LBR-=$LBR. TSK; 0
#CCL  LIBR-=$LIBR. SAV; 8208
#CCL  LIN-K=$LINK. SAV; 8208
#CCL  LOG-IN=$LOGIN. *; PRIV 0
#CCL  MACR-O=$MACRO. SAV; 8216
#CCL  MAC-=$MAC. TSK; 0
#CCL  MAK-E=$TECO. TEC; 0
#CCL  MOU-NT=$UMOUNT. *; PRIV 30000
#CCL  MU-NG=$TECO. TEC; 0
#CCL  PAT-=$PAT. TSK; 0
#CCL  PIP-=$PIP. SAV; 8208
#CCL  PL-EASE=$PLEASE. *; PRIV 30000
#CCL  QU-EUE=$QUE. *; PRIV 30000
#CCL  RST-=$RMSRST. TSK; PRIV 0
#CCL  SE-T=$TTYSET. *; PRIV 30000
#CCL  SRT-=$SORT. TSK; 0
#CCL  SU-BMIT=$QUE. *; PRIV 30000
#CCL  SW-ITCH=$SWITCH. *; PRIV 30000
#CCL  SY-STAT=$SYSTAT. *; PRIV 30000
#CCL  TE-CO=$TECO. TEC; 0
#CCL  TKB-=$TKB. TSK; 0
#CCL  TY-PE=$TYPE. TEC; 8
#CCL  UT-ILTY=$UTILTY. *; 30000
#EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
>RUN SY:(1,2)UTILTY
UTILTY   V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F




ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT  V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .



SY/DFC

?ILLEGAL OPTION OR ARGUMENT

>SY/DF

DISK STRUCTURE:
DISK    OPEN    FREE    CLUSTER ERRORS  NAME    COMMENTS
DP0     21      59920   2       0       NIKA    PUB, DLW

SMALL   LARGE   JOBS    HUNG TTY'S       ERRORS
200     1       7/15    0                0
>RUN \\\\\^U
RUN^U
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT




>RUN $SU\U\SHUTUP
SHUTUP   V7.0-07   RSTS V7.0-07 * NIKA CORP *

01:17 PM 11-NOV-80  ########  SET-UP  DIALOGUE  PHASE  ########

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
```

```
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>?  0

01:17 PM 11-NOV-80  ########  WARNING   MESSAGE   PHASE  ########
FURTHER LOGINS ARE NOW DISABLED

01:17 PM 11-NOV-80  ########  INITIAL JOB KILLING PHASE  ########

01:17 PM 11-NOV-80  ########  ' OPSER ' SHUTDOWN  PHASE  ########
DETACHING...




'OPSER' ATTACHING
#
JOB #5 'BA0SPL' TAKEN OFFLINE
#
MESSAGE            3 : 11-NOV-80 01:17 PM  JOB:3  DET    QUMRUN[1,10]
        BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #4 'LP0SPL' TAKEN OFFLINE
#
MESSAGE            4 : 11-NOV-80 01:17 PM  JOB:3  DET    QUMRUN[1,10]
        LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #3 'QUEMAN' TAKEN OFFLINE
#'OPSER' TERMINATING




RE-ATTACHING...


01:17 PM 11-NOV-80  ########  ' ERRCPY ' SHUTDOWN PHASE  ########

01:17 PM 11-NOV-80  ########  REMOVE RTS/RES LIB  PHASE  ########

01:17 PM 11-NOV-80  ########  SWAP FILE  REMOVAL  PHASE  ########

01:17 PM 11-NOV-80  ########  DISK    DISMOUNT   PHASE  ########

01:17 PM 11-NOV-80  ########  FINAL   SHUTDOWN   PHASE  ########

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF




RSTS V7.0-07 * NIKA CORP * (DP0)

OPTION: REF

11-NOV-80?
```

```
01:18 PM?

DISK?

CLEAN? Y

DISK IS BEING CLEANED - WAIT ...

[1,6]ERRDAT.FIL HAS A BAD BLOCK.
DELETE? N

   REFRESH SUBOPTION?


OPTION: IMAGE^U
SAV

11-NOV-80?
01:20 PM?


SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

*** INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

TO RSTS DP: DISK? DP1

*** THE VOLUME ON DP1: IS A RSTS DISK
*** PACK ID IS NIKA

*** PACK WILL BE REINITIALIZED
MOUNT IT ANYWAY <NO>? YES

*** OUTPUT PACK ID IS NIKA

VERIFY <YES OR NO> <NO>? YES

PROCEED <YES OR NO>? YES

*** BEGIN IMAGE COPY FROM DP0: TO DP1: AT 01:21 PM

*** BEGIN VERIFY PASS FROM DP0: TO DP1: AT 01:23 PM

*** 0 DIFFERENCES FOUND

 DISMOUNT DEVICE:        DP1:
           PACK ID:      NIKA
PACK CLUSTERSIZE:        2
   CREATION DATE:        MONDAY, 10-NOV-80

           PLEASE LABEL THIS VOLUME!

*** IMAGE COPY OPERATION COMPLETED AT 01:26 PM

              SUMMARY REPORT

IMAGE COPY OF DP0:NIKA TO DP1:NIKA

    INPUT DEVICE:        DP0:
          PACK ID:       NIKA
  PACK CLUSTERSIZE:      2
   CREATION DATE:        MONDAY, 10-NOV-80

    OUTPUT DEVICE:       DP1:
```

```
                    PACK ID:        NIKA                                    92
       PACK CLUSTERSIZE:       2
          CREATION DATE:       MONDAY, 10-NOV-80

       IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 01:21 PM

                          RUN STATISTICS

       TRANSFER TOTALS:

              TOTAL OF 20050 BLOCKS TRANSFERRED

       ERROR TOTALS:

              TOTAL OF     0 BAD COMPARES.

              TOTAL OF     0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.
              TOTAL OF     0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

              0 FILES STRUCTURALLY ALTERED.

       TIMING TOTALS:

              TOTAL ELAPSED TIME:   0 HRS.,    5 MINS.,   15 SECS.
              TOTAL WAIT    TIME:   0 HRS.,    0 MINS.,    0 SECS.
              TOTAL PROCESS TIME:   0 HRS.,    5 MINS.,   15 SECS.


       SAV/RES FUNCTION: ^Z


       OPTION:

       YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

       YOU CURRENTLY HAVE CRASH DUMP ENABLED.

       11-NOV-80?
       01:27 PM?
       INIT   V7.0-07A      RSTS V7.0-07 * NIKA CORP *

       COMMAND FILE NAME?
       DETACHING...



       ^C
       HELLO 1/10
       PASSWORD:



       >
       >RUN $UTILTY
       UTILTY  V7.0-07B      RSTS V7.0-07 * NIKA CORP *
       #ADD RT11
       #ADD RMS11
       #ADD BASIC
       #ADD DICOMP
       #ADD DIBOL
       #ADD DIBOLR
       #ADD FOCOMP
       #ADD FOCOMR
       #ADD TECO
```

```
#EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:



>
>RUN (1,2)UTILTY
UTILTY  V7.0-07B         RSTS V7.0-07 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:


>
>RUN $TTYSET
```

```
TTYSET   V7.0-07A        RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? KB0:;FILL LA30S;LC INPUT
FOR KB0:? KB8:;LA120;SPEED 4800
FOR KB8:? KB9:;VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:


>
>RUN SY:(1,7)OPSER
OPSER    V7.0-07 RSTS V7.0-07 * NIKA CORP *
#DETACH
DETACHING . . .



^C
HELLO 1/10
PASSWORD:
JOB 2 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,7)QUEMAN
QUEMAN   V7.0-07 RSTS V7.0-07 * NIKA CORP *
STARTED AT: 01:28 PM ON 11-NOV-80
QUEUE FILE DATA CHECKED FOR CONSISTENCY
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE
#
JOB #3 'QUEMAN' PUT ONLINE
DETACH/PRIORITY:0
DETACHING . . .



^C
```

```
HELLO 1/10
PASSWORD:
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,7)SPOOL
SPOOL    V7.0-07A        RSTS V7.0-07 * NIKA CORP *
#LP0:/HEAD:1
DETACHING...




^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>
JOB #4 'LP0SPL' PUT ONLINE

MESSAGE            1 : 11-NOV-80 01:28 PM  JOB:3  DET   QUMRUN[1,10]
          LP0SPL (4) PUT ONLINE
RUN SY:(1,7)BATCH
BATCH    V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING...




ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE            2 : 11-NOV-80 01:29 PM  JOB:3  DET   QUMRUN[1,10]
          BA0SPL (5) PUT ONLINE
RUN $UTILTY
UTILTY   V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#CCL ATT-ACH=$LOGIN.*;PRIV 30000
```

```
#CCL ATP-K=$ATPK. *; PRIV 30000
#CCL BCK-=$RMSBCK. TSK; 0
#CCL BPC-REF=$BPCREF. *; 30000
#CCL BYE-=$LOGOUT. *; PRIV 0
#CCL CNV-=$RMSCNV. TSK; 0
#CCL CRE-ATE=$EDIT. *; 30000
#CCL DEF-=$RMSDEF. TSK; 0
#CCL DFN-=$RMSDFN. TSK; 0
#CCL DES-=$RMSDES. TSK; 0
#CCL DIS-MOUNT=$UMOUNT. *; PRIV 30000
#CCL DI-RECTORY=$DIRECT. *; PRIV 30000
#CCL DSP-=$RMSDSP. TSK; 0
#CCL EDT-=$EDT. TSK; 0
#CCL ED-IT=$EDIT. *; 30000
#CCL FIT-=$FIT. *; PRIV 30000
#CCL HELLO-=$LOGIN. *; PRIV 0
#CCL HELP-=$HELP. *; PRIV 30000
#CCL IFL-=$RMSIFL. TSK; 0
#CCL LBR-=$LBR. TSK; 0
#CCL LIBR-=$LIBR. SAV; 8208
#CCL LIN-K=$LINK. SAV; 8208
#CCL LOG-IN=$LOGIN. *; PRIV 0
#CCL MACR-O=$MACRO. SAV; 8216
#CCL MAC-=$MAC. TSK; 0
#CCL MAK-E=$TECO. TEC; 0
#CCL MOU-NT=$UMOUNT. *; PRIV 30000
#CCL MU-NG=$TECO. TEC; 0
#CCL PAT-=$PAT. TSK; 0
#CCL PIP-=$PIP. SAV; 8208
#CCL PL-EASE=$PLEASE. *; PRIV 30000
#CCL QU-EUE=$QUE. *; PRIV 30000
#CCL RST-=$RMSRST. TSK; PRIV 0
#CCL SE-T=$TTYSET. *; PRIV 30000
#CCL SRT-=$SORT. TSK; 0
#CCL SU-BMIT=$QUE. *; PRIV 30000
#CCL SW-ITCH=$SWITCH. *; PRIV 30000
#CCL SY-STAT=$SYSTAT. *; PRIV 30000
#CCL TE-CO=$TECO. TEC; 0
#CCL TKB-=$TKB. TSK; 0
#CCL TY-PE=$TYPE. TEC; 8
#CCL UT-ILTY=$UTILTY. *; 30000
#EXIT
>BYE/F



ATTACHING TO JOB 1
DETACHING...




^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
```
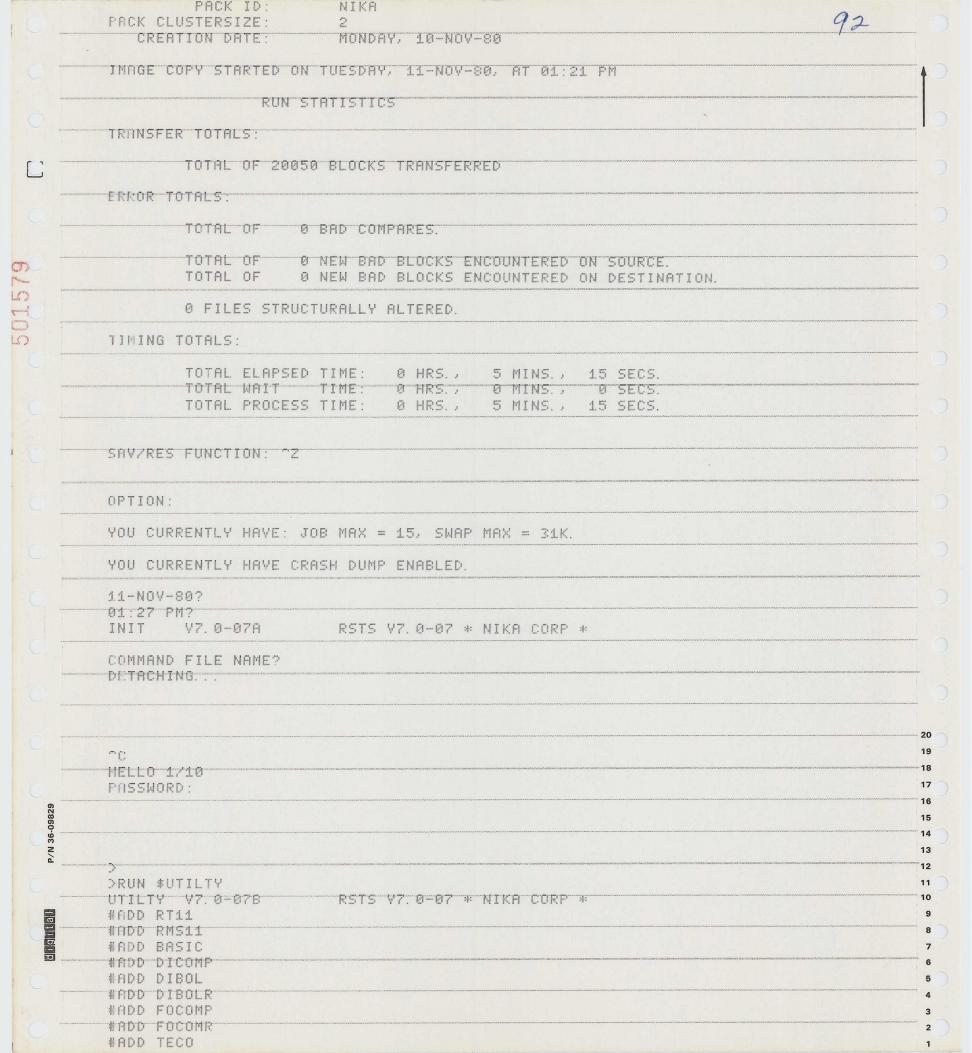
```
>RUN SY:(1,2)UTILTY
UTILTY  V7.0-07B       RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT  V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .
```

```
I 1,2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT
```

```
              *****************************
              *                           *
              *         WELCOME           *
              *           TO              *
              *      NIKA CORPORATION     *
              *         ******            *
              *       RSTS/E  V7.0        *
              *                           *
              *****************************
```

```
>HELLO 1/6
PASSWORD:
```

```
>SY/F

SMALL    LARGE    JOBS    HUNG TTY'S    ERRORS
211       1       6/15        0            0
>DIR ERRDAT.FIL/S
 NAME .EXT     SIZE   PROT   ACCESS      DATE      TIME    CLU  RTS    POS
SY:[1,6]
ERRDAT.FIL      67    < 60> 09-NOV-80 09-NOV-80 03:01 PM   2 ...RSX  3234

TOTAL OF 67 BLOCKS IN 1 FILE IN SY:[1,6]

>DIR $FIT.OBJ/S

?NO SUCH FILE AS FIT.OBJ ON SY:[1,2]

>SY/FD

DISK STRUCTURE:
DISK    OPEN     FREE    CLUSTER ERRORS   NAME     COMMENTS
DP0      22     59222       2       0     NIKA     PUB, DLW

SMALL    LARGE    JOBS    HUNG TTY'S    ERRORS
202       1       6/15        0            0
>SY/R

RUN-TIME SYSTEMS:
  NAME     EXT      SIZE   USERS    COMMENTS
 RSX      TSK     3(28)K    0       PERM, ADDR:29, KBM
 RT11     SAV     4(28)K    0       NON-RES, KBM, CSZ, EMT:255
 RMS11    TSK     4(28)K    0       NON-RES
 BASIC    BAC    16(16)K    0       NON-RES, KBM, CSZ
 DICOMP   DBL     7(20)K    0       NON-RES, REM
 DIBOL    TSK     8(24)K    0       NON-RES
 DIBOLR   TSK     8(24)K    0       NON-RES
 FOCOMP   DCF    14(16)K    0       NON-RES, REM
 FOCOMR   DCF    14(16)K    0       NON-RES, REM
 TECO     TEC     8(24)K    0       NON-RES
 BASIC2   TSK    16(16)K    0       NON-RES
 BP2COM   TSK     4(28)K    0       NON-RES, KBM
>RUN $SHUTUP
 SHUTUP   V7.0-07   RSTS V7.0-07 * NIKA CORP *

 03:10 PM 11-NOV-80  ######## SET-UP  DIALOGUE  PHASE  ########

TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?
MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>?  0

 03:10 PM 11-NOV-80  ######## WARNING  MESSAGE  PHASE  ########
FURTHER LOGINS ARE NOW DISABLED

 03:10 PM 11-NOV-80  ######## INITIAL JOB KILLING PHASE  ########

 03:10 PM 11-NOV-80  ######## 'OPSER' SHUTDOWN  PHASE  ########
DETACHING...


 'OPSER' ATTACHING
 #
```

```
JOB #5 'BA0SPL' TAKEN OFFLINE
#
MESSAGE            3 : 11-NOV-80 03:10 PM  JOB:3  DET   QUMRUN[1,10]
          BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #4 'LP0SPL' TAKEN OFFLINE
#
MESSAGE            4 : 11-NOV-80 03:10 PM  JOB:3  DET   QUMRUN[1,10]
          LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #3 'QUEMAN' TAKEN OFFLINE
#'OPSER' TERMINATING



   RE-ATTACHING...


   03:11 PM 11-NOV-80  ########  ' ERRCPY ' SHUTDOWN PHASE  ########

   03:11 PM 11-NOV-80  ########  REMOVE RTS/RES LIB  PHASE  ########

   03:11 PM 11-NOV-80  ########  SWAP FILE  REMOVAL  PHASE  ########

   03:11 PM 11-NOV-80  ########  DISK    DISMOUNT   PHASE  ########

   03:11 PM 11-NOV-80  ########  FINAL   SHUTDOWN   PHASE  ########

   PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF
```

```
   RSTS V7.0-07 * NIKA CORP * (DP0)

   OPTION: SAVRES

   11-NOV-80?
   03:11 PM?

   SAV/RES FUNCTION: IMAGE

   FROM RSTS DISK? DP0

   *** INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

   TO RSTS DP: DISK? DP1

   *** THE VOLUME ON DP1: IS A RSTS DISK
   *** PACK ID IS NIKA

   *** PACK WILL BE REINITIALIZED
   MOUNT IT ANYWAY <NO>? YES
```

digital

```
      *** OUTPUT PACK ID IS NIKA

      VERIFY (YES OR NO) <NO>? YES

      PROCEED (YES OR NO)? YES

      *** BEGIN IMAGE COPY FROM DP0: TO DP1: AT 03:12 PM

      *** BEGIN VERIFY PASS FROM DP0: TO DP1: AT 03:14 PM

      *** 0 DIFFERENCES FOUND

       DISMOUNT DEVICE:        DP1:
               PACK ID:        NIKA
      PACK CLUSTERSIZE:        2
         CREATION DATE:        MONDAY, 10-NOV-80

              PLEASE LABEL THIS VOLUME!

      --- IMAGE COPY OPERATION COMPLETED AT 03:17 PM

                      SUMMARY REPORT

      IMAGE COPY OF DP0:NIKA TO DP1:NIKA

          INPUT DEVICE:        DP0:
               PACK ID:        NIKA
      PACK CLUSTERSIZE:        2
         CREATION DATE:        MONDAY, 10-NOV-80

         OUTPUT DEVICE:        DP1:
               PACK ID:        NIKA
      PACK CLUSTERSIZE:        2
         CREATION DATE:        MONDAY, 10-NOV-80

      IMAGE COPY STARTED ON TUESDAY, 11-NOV-80, AT 03:12 PM

                      RUN STATISTICS

      TRANSFER TOTALS:

              TOTAL OF 20732 BLOCKS TRANSFERRED

      ERROR TOTALS:

              TOTAL OF    0 BAD COMPARES.

              TOTAL OF    0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.
              TOTAL OF    0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

              0 FILES STRUCTURALLY ALTERED.

      TIMING TOTALS:

              TOTAL ELAPSED TIME:   0 HRS.,    5 MINS.,   3 SECS.
              TOTAL WAIT    TIME:   0 HRS.,    0 MINS.,   0 SECS.
              TOTAL PROCESS TIME:   0 HRS.,    5 MINS.,   3 SECS.


      SAV/RES FUNCTION: ^Z


      OPTION:
```

OPTION: HARD LIST

```
   NAME    ADDRESS  VECTOR   COMMENTS
   TT:     177560   060
   RP:     176700   254      RP03 UNITS: 0 1
   TM:     172520   224
   LP0:    177514   200
   DM0:    170500   300      DH0
   DH0:    160020   310

   KW11L   177546   100
   SR      177570
   DR      177570

   HERTZ = 60.

   OTHER: SL
```

OPTION: FILL LA30S

OPTION: REF

DD-MMM-YY? 12-NOV-80
12:01 AM? 9:49 AM

DISK?

CLEAN? YES

DISK IS BEING CLEANED - WAIT ...

[1,6]ERRDAT.FIL HAS A BAD BLOCK.
DELETE? NO

  REFRESH SUBOPTION?

OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

12-NOV-80?
09:50 AM?
INIT   V7.0-07A   RSTS V7.0-07 * NIKA CORP *

COMMAND FILE NAME?
DETACHING...

^C
HELLO 1/10
PASSWORD:

```
>
>RUN $UTILTY
UTILTY  V7.0-07B         RSTS V7.0-07 * NIKA CORP *
#ADD RT11
#ADD RMS11
#ADD BASIC
#ADD DICOMP
#ADD DIBOL
#ADD DIBOLR
#ADD FOCOMP
#ADD FOCOMR
#ADD TECO
#EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:


>
>RUN (1,2)UTILTY
UTILTY  V7.0-07B         RSTS V7.0-07 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116
#EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:


>
>RUN $TTYSET
TTYSET   V7.0-07A      RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? KB0:;FILL LA30S;LC INPUT
FOR KB0:? KB8:;LA120;SPEED 4800
FOR KB8:? KB9:;VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F





ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:



>
>RUN SY:(1,7)OPSER
OPSER    V7.0-07 RSTS V7.0-07 * NIKA CORP *
#DETACH
DE^C
HELLO 1/10
PASSWORD:
JOB 2 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,7)QUEMAN
QUEMAN   V7.0-07 RSTS V7.0-07 * NIKA CORP *
STARTED AT: 09:51 AM ON 12-NOV-80
QUEUE FILE DATA CHECKED FOR CONSISTENCY
# SPOOLERS ONLINE = 0; WILL CLEAR TABLE
#
JOB #3 'QUEMAN' PUT ONLINE
```

```
DETACH/PRIORITY:0
DETACHING . . .


^C
HELLO 1/10
PASSWORD:
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,7)SPOOL
SPOOL    V7.0-07A        RSTS V7.0-07 * NIKA CORP *
#LP0:/HEAD:1
DET^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>
JOB #4 'LP0SPL' PUT ONLINE

MESSAGE            1 . 12-NOV-80 09:51 AM  JOB:3   DET     QUMRUN[1,10]
           LP0SPL (4) PUT ONLINE
RUN SY:(1,7)BATCH
BATCH    V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING...



ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE            2 . 12-NOV-80 09:52 AM  JOB:3   DET     QUMRUN[1,10]
           BA0SPL (5) PUT ONLINE
RUN $UTILTY
UTILTY   V7.0-07B        RSTS V7.0-07 * NIKA CORP *
```

```
#CCL ATT-ACH=$LOGIN.*;PRIV 30000
#CCL ATP-K=$ATPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
#CCL CNV-=$RMSCNV.TSK;0
#CCL CRE=ATE=$EDIT.*;30000
#CCL DEF-=$RMSDEF.TSK;0
#CCL DFN-=$RMSDFN.TSK;0
#CCL DES-=$RMSDES.TSK;0
#CCL DIS-MOUNT=$UMOUNT.*;PRIV 30000
#CCL DI-RECTORY=$DIRECT.*;PRIV 30000
#CCL DSP-=$RMSDSP.TSK;0
#CCL EDT-=$EDT.TSK;0
#CCL ED-IT=$EDIT.*;30000
#CCL FIT-=$FIT.*;PRIV 30000
#CCL HELLO-=$LOGIN.*;PRIV 0
#CCL HELP-=$HELP.*;PRIV 30000
#CCL IFL-=$RMSIFL.TSK;0
#CCL LBR-=$LBR.TSK;0
#CCL LIBR-=$LIBR.SAV;8208
#CCL LIN-K=$LINK.SAV;8208
#CCL LOG-IN=$LOGIN.*;PRIV 0
#CCL MACR-O=$MACRO.SAV;8216
#CCL MAC-=$MAC.TSK;0
#CCL MAK-E=$TECO.TEC;0
#CCL MOU-NT=$UMOUNT.*;PRIV 30000
#CCL MU-NG=$TECO.TEC;0
#CCL PAT-=$PAT.TSK;0
#CCL PIP-=$PIP.SAV;8208
#CCL PL-EASE=$PLEASE.*;PRIV 30000
#CCL QU-EUE=$QUE.*;PRIV 30000
#CCL RST-=$RMSRST.TSK;PRIV 0
#CCL SE-T=$TTYSET.*;PRIV 30000
#CCL SRT-=$SORT.TSK;0
#CCL SU-BMIT=$QUE.*;PRIV 30000
#CCL SW-ITCH=$SWITCH.*;PRIV 30000
#CCL SY-STAT=$SYSTAT.*;PRIV 30000
#CCL TE-CO=$TECO.TEC;0
#CCL TKB-=$TKB.TSK;0
#CCL TY-PE=$TYPE.TEC;8
#CCL UT-ILTY=$UTILTY.*;30000
#EXIT
>BYE/F



ATTACHING TO JOB 1
DETACHING...


^C
HELLO 172
PASSWORD:
```

```
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,2)UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F




ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT  V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .


SY/DF

DISK STRUCTURE:
DISK    OPEN    FREE    CLUSTER ERRORS  NAME    COMMENTS
DP0     21      59244      2       0    NIKA    PUB, DLW

SMALL   LARGE   JOBS    HUNG TTY'S       ERRORS
206       1     6/15        0              0
>I 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT




>RUN $ATPK
ATPK    V7.0-07A         RSTS V7.0-07 * NIKA CORP *
*[1,2]BLDFIT.NEW
>ASSIGN MT0:/MD:1
>ASSIGN SY0:SYSDSK
>ASSIGN SY:SYSTEM
>ASSIGN [1,2]
>ASSIGN MT0:INPUT
>
```

```
>RUN SY:[1,2]CPATCH
CPATCH  V7.0-07 RSTS V7.0-07 * NIKA CORP *
FILE TO PATCH - SY:[1,2]FIT.BAS=MT0:[1,2]FIT.BAS/MO:2
#SY:[200,200]PA1115.002/CS:240
*H/2!/V
2!              PROGRAM          : FIT.BAS
*H/6!/:V
6!              EDIT             : 07
*G/07/I/A/V
6!              EDIT             : 07A
*H/7!/V
7!              EDIT DATE        : 24-SEP-79
*G/24-SEP-79/-9C/21-JAN-80/V
7!              EDIT DATE        : 21-JAN-80
*H/21   !/V
21      ! VER/ED      EDIT DATE         REASON &
*AI
        ! 7.0-07A      21-JAN-80         RECOGNIZE DOS DISKS &
$*V
        ! &
*H/1010 /V
1010    IDENT.STG$="V7.0-07" &
*G/07/I/A/V
1010    IDENT.STG$="V7.0-07A" &
*H/15060     /V
15060   T0%=FNBUFF%(BUF%,512%) &
*AI
        \ GET #CH.BUF%, RECORD 1% IF STA%<>4% &
$*V
        \ GET #CH.BUF%, RECORD 64% IF STA%=4% &
*EX
PATCH FROM _SY:[200,200]PA1115.002 COMPLETE.
#SY:[200,200]PA1115.003/CS:52084
*H/2!/V
2!              PROGRAM          : FIT.BAS
*H/6!/:V
6!              EDIT             : 07A
*G/07A/-C/B/V
6!              EDIT             : 07B
*H/7!/V
7!              EDIT DATE        : 21-JAN-80
*G/21-JAN-80/-9C/22-JAN-80/V
7!              EDIT DATE        : 22-JAN-80
*H/21   !/V
21      ! VER/ED      EDIT DATE         REASON &
*AI
        ! V7.0-07B     22-JAN-80         ALLOW MODE SPECIFICATION ON INPU
T &
$*V
        ! 7.0-07A      21-JAN-80         RECOGNIZE DOS DISKS &
*H/1010 /V
1010    IDENT.STG$="V7.0-07A" &
*G/07A/-C/B/V
1010    IDENT.STG$="V7.0-07B" &
*H/1120 /V
1120    IN.DEV%=FNOPEN.DEV%(1%) &
*G/786/V
        \ T0$=FNBUILD$(1%,786%) &
*-2C/68/V
        \ T0$=FNBUILD$(1%,768%) &
*EX
PATCH FROM _SY:[200,200]PA1115.003 COMPLETE.
#SY:[200,200]PA1115.004/CS:27407
```

```
*H/2!/V
2!            PROGRAM          : FIT.BAS
*H/6!7:V
6!            EDIT            : 07B
*G/07B/-C/C/V
6!            EDIT            : 07C
*H/7!7:V
7!            EDIT DATE        : 22-JAN-80
*G/22-JAN=80/-9C/17-MAR=80/V
7!            EDIT DATE        : 17-MAR-80
*H/21    /G/REASON/V
21        ! VER/ED        EDIT DATE        REASON &
*AI
          ! V7.0-07C       17-MAR-80       FIX FILE NAME PARSING &
$*V
          ! V7.0-07B       22-JAN-80       ALLOW MODE SPECIFICATION ON INPU
T &
*H/1010 /V
1010     IDENT.STG$="V7.0-07B" &
*G/07B/-C/C/V
1010     IDENT.STG$="V7.0-07C" &
*H/1110 /V
1110     EQ%=INSTR(1%,COMM.LINE$,"=") &
*15AV
          \ ERR.MSG$="?OPERATION DOES NOT TAKE OUTPUT SPEC" &
*I
          \ ERR.MSG$="?ILLEGAL WILDCARDS FOR OUTPUT - "+T2$ &
                IF (FW2% AND 4%) OR (FW2% AND 64%) &
                OR ((FW2% AND 256%)*2% XOR (FW2% AND 512%)) &
$*V
          \ ERR.MSG$="?OPERATION DOES NOT TAKE OUTPUT SPEC" &
*H/13110        /V
13110    FOR T0%=MFD.PTR% TO 62% &
*AV
          \         FIELD #7%, 2%+T0%*8% AS B0$, 1% AS B1$, 1% AS B2$, 2% AS
 B0$ &
*G/B1/-=C/2/V
          \         FIELD #7%, 2%+T0%*8% AS B0$, 1% AS B2$, 1% AS B2$, 2% AS
 B0$ &
*G/B2/-C/1/V
          \         FIELD #7%, 2%+T0%*8% AS B0$, 1% AS B2$, 1% AS B1$, 2% AS
 B0$ &
*EX
PATCH FROM _SY:[200,200]PA1115.004 COMPLETE.
#^Z
FILE TO PATCH - ^Z
>RUN SY:[1,2]CSPCOM.TSK
CSP>SY:[1,2]FIT.OBJ/OBJ=SY:[1,2]FIT.BAS
CSP>^Z
>RUN SY:[1,2]TKB.TSK
TKB>SY:[1,2]FIT.TSK/FP=SY:[1,2]FIT.OBJ,SY:[1,1]CSPCOM.OLB/LB
TKB>/
ENTER OPTIONS:
TKB>UNITS=12
TKB>ASG=SY:5:6:7:8:9:10:11:12
TKB>//
>RUN SY:[1,2]PIP.SAV
*SY:[1,2]FIT.OBJ/DE:NO
*^Z
>RUN SY:[1,2]PIP.SAV
*SY:[1,2]FIT.TSK<232>/RE
*^Z
>RUN SY:[1,2]PIP.SAV
*SY:[1,2]FIT.BAS/DE:NO
*^Z
>
```

```
>
>
>!*** BUILD COMPLETE ***
>DEASSIGN
>PIP BLDFIT.NEW/DE
>SY/C

  MEMORY ALLOCATION TABLE:
   START    END   LENGTH   PERMANENT    TEMPORARY
     0K -   28K (  29K) MONITOR
    29K -   31K (   3K) RSX     RTS
    32K -   39K (   8K) ** XBUF **
    40K -  115K (  76K)  (USER)
   116K -  123K (   8K)  (USER)     BASICS LIB
   124K -  *** END ***
>SY/F


  SMALL   LARGE    JOBS    HUNG TTY'S       ERRORS
  187       1      9/15        0              0
>SY/D


  DISK STRUCTURE:
  DISK    OPEN    FREE    CLUSTER ERRORS   NAME    COMMENTS
  DP0      24    58842       2       0     NIKA    PUB, DLW
  >
  MESSAGE            3 : 12-NOV-80 10:48 AM  JOB:4  DET    SPLRUN[1,10]
        LP0   : HUNG -  JOB: [1,10]UTILTY      FILE - SY    :[1,2]UTILT
  Y.HLP
  BLOCK: 2
  (PUT DEVICE ONLINE TO CONTINUE)

  MESSAGE            4 : 12-NOV-80 10:50 AM  JOB:4  DET    SPLRUN[1,10]
        LP0   : HUNG -  JOB: [1,10]UTILTY      FILE - SY    :[1,2]UTILT
  Y.HLP
  BLOCK: 10
  (PUT DEVICE ONLINE TO CONTINUE)
  SY/S-


  RSTS V7.0-07 * NIKA CORP * STATUS AT 12-NOV-80, 11:28 AM UP: 1:38:44


  JOB   WHO    WHERE   WHAT    SIZE    STATE    RUN-TIME   PRI/RB    RTS
   1    1,2    DET    ERRCPY  10/31K  SR C11    2:40.1     0/6    ...RSX
   2    1,10   DET    OPSRUN  21/31K  SL         9.9     -8/6    ...RSX
   3    1,10   DET    QUMRUN  23/31K  SL C13    13.6      0/6    ...RSX
   4    1,10   DET    SPLIDL  22/31K  SL C12     0.2     -8/6    ...RSX
   5    1,10   DET    BATIDL  19/31K  SL C09     2.0     -8/6    ...RSX
   6    1,9    KB8    ATPK    14/31K  SL C14    19.2     -8/6    ...RSX
   7    1,2    KB0    SYSTAT  17/31K  RN LCK    11.6     -8/6    ...RSX
   8    1,9    KB9    ...MCR   1/31K  ^C C10     0.3     -8/6     RSX
   9    1,9    P0J6   ...TKB  31/31K  RN        6:28.1   -8/6    ...RSX
>RUN $SHUTUP
  SHUTUP   V7.0-07   RSTS V7.0-07 * NIKA CORP *

  01:13 PM 12-NOV-80  ######## SET-UP   DIALOGUE   PHASE  ########

  TYPE 'ESC'('ALT') TO ANY QUERY TO BACKUP ONE (1) STEP

  USE 'OPSER' FOR UTILITIES SHUTDOWN (YES/NO) <YES>
  ALLOW UTILITIES TO REACH LOGICAL END POINT (YES/NO) <YES>?
  MINUTES UNTIL SYSTEM SHUTDOWN (0-99) <5>?  0

  01:14 PM 12-NOV-80  ######## WARNING   MESSAGE   PHASE  ########
  FURTHER LOGINS ARE NOW DISABLED

  01:14 PM 12-NOV-80  ########  INITIAL JOB KILLING PHASE  ########
```

DETACHING...

´OPSER´ ATTACHING
#
JOB #5 ´BA0SPL´ TAKEN OFFLINE
#
MESSAGE   5 : 12-NOV-80 01:14 PM JOB:3 DET   QUMRUN[1,10]
        BA0SPL (5) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #4 ´LP0SPL´ TAKEN OFFLINE
#
MESSAGE   6 : 12-NOV-80 01:14 PM JOB:3 DET   QUMRUN[1,10]
        LP0SPL (4) REQUESTED OFF-LINE -- TAKEN OFF-LINE
#
JOB #3 ´QUEMAN´ TAKEN OFFLINE
#´OPSER´ TERMINATING

RE-ATTACHING...

01:14 PM 12-NOV-80 ######## ´ ERRCPY ´ SHUTDOWN PHASE ########

01:14 PM 12-NOV-80 ######## REMOVE RTS/RES LIB PHASE ########

01:14 PM 12-NOV-80 ######## SWAP FILE REMOVAL PHASE ########

01:14 PM 12-NOV-80 ######## DISK   DISMOUNT PHASE ########

01:14 PM 12-NOV-80 ######## FINAL   SHUTDOWN PHASE ########

PLEASE WAIT FOR SYSTEM TO RE-BOOT ITSELF

RSTS V7.0-07 * NIKA CORP * (DP0)

OPTION: SAVRES

12-NOV-80?
01:16 PM?

SAV/RES FUNCTION: IMAGE

FROM RSTS DISK? DP0

*** INPUT PACK ID/DEFAULT OUTPUT PACK ID IS NIKA

*** THE VOLUME ON DP1: IS A RSTS DISK
*** PACK ID IS NIKA

*** PACK WILL BE REINITIALIZED
MOUNT IT ANYWAY <NO>? YES

*** OUTPUT PACK ID IS NIKA

VERIFY (YES OR NO) <NO>? YES

PROCEED (YES OR NO)? YES

*** BEGIN IMAGE COPY FROM DP0: TO DP1: AT 01:17 PM

*** BEGIN VERIFY PASS FROM DP0: TO DP1: AT 01:20 PM

*** 0 DIFFERENCES FOUND

 DISMOUNT DEVICE: DP1:
          PACK ID: NIKA
PACK CLUSTERSIZE: 2
 CREATION DATE: MONDAY, 10-NOV-80

          PLEASE LABEL THIS VOLUME!

--- IMAGE COPY OPERATION COMPLETED AT 01:22 PM

              SUMMARY REPORT

IMAGE COPY OF DP0:NIKA TO DP1:NIKA

    INPUT DEVICE: DP0:
          PACK ID: NIKA
PACK CLUSTERSIZE: 2
  CREATION DATE: MONDAY, 10-NOV-80

    OUTPUT DEVICE: DP1:
          PACK ID: NIKA
PACK CLUSTERSIZE: 2
  CREATION DATE: MONDAY, 10-NOV-80

IMAGE COPY STARTED ON WEDNESDAY, 12-NOV-80, AT 01:17 PM

              RUN STATISTICS

TRANSFER TOTALS:

        TOTAL OF 23480 BLOCKS TRANSFERRED

ERROR TOTALS:

        TOTAL OF   0 BAD COMPARES.

        TOTAL OF   0 NEW BAD BLOCKS ENCOUNTERED ON SOURCE.
        TOTAL OF   0 NEW BAD BLOCKS ENCOUNTERED ON DESTINATION.

        0 FILES STRUCTURALLY ALTERED.

TIMING TOTALS:

        TOTAL ELAPSED TIME: 0 HRS.,   5 MINS.,   31 SECS.
        TOTAL WAIT   TIME: 0 HRS.,   0 MINS.,   0 SECS.
        TOTAL PROCESS TIME: 0 HRS.,   5 MINS.,   31 SECS.

```
SAV/RES FUNCTION: ^Z

OPTION: REF

12-NOV-80?
01:23 PM?

DISK?

CLEAN? YES

DISK IS BEING CLEANED - WAIT ...

[1,6]ERRDAT.FIL HAS A BAD BLOCK.
DELETE? NO

   REFRESH SUBOPTION?


OPTION:

YOU CURRENTLY HAVE: JOB MAX = 15, SWAP MAX = 31K.

YOU CURRENTLY HAVE CRASH DUMP ENABLED.

12-NOV-80?
01:25 PM?
INIT    V7.0-07A          RSTS V7.0-07 * NIKA CORP *

COMMAND FILE NAME?
DETACHING...



^C
HELLO 1/10
PASSWORD:



>
>RUN $UTILTY
UTILTY  V7.0-07B        RSTS V7.0-07 * NIKA CORP *
#ADD RT11
#ADD RMS11
#ADD LIBRARY RMSRES/ADDR:937/REMOVE
#ADD BASIC
#ADD DICOMP
#ADD DIBOL
#ADD DIBOLR
#ADD FOCOMP
#ADD FOCOMR
#ADD TECO
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:



>
>RUN (1,2)UTILTY
UTILTY  V7.0-07B         RSTS V7.0-07 * NIKA CORP *
#ADD BASIC2.RTS
#ADD BP2COM.RTS
#CCL BP2-IC2=SY:(1,2)BASIC2.TSK;30000
#NAME BP2COM=SY:(1,2)BASIC2.TSK
#ADD LIBRARY SY:(0,1)BASICS.LIB/ADDR:116/REMOVE
#EXIT
>BYE/F




ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:



>
>RUN $TTYSET
TTYSET  V7.0-07A         RSTS V7.0-07 * NIKA CORP *
TERMINAL CHARACTERISTICS PROGRAM
? KB0:;FILL LA30S;LC INPUT
FOR KB0:? KB8:;LA120;SPEED 4800
FOR KB8:? KB9:;VT100;SPEED 4800
FOR KB9:? EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/10
PASSWORD:


>
>RUN SY:(1,7)OPSER
OPSER   V7.0-07 RSTS V7.0-07 * NIKA CORP *
#DETACH
DETACHING . . .


^C
HELLO 1/10
PASSWORD:
JOB 2 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,7)QUEMAN
QUEMAN   V7.0-07 RSTS V7.0-07 * NIKA CORP *
STARTED AT: 01:26 PM ON 12-NOV-80
QUEUE FILE DATA CHECKED FOR CONSISTENCY
# SPOOLERS ONLINE = 0, WILL CLEAR TABLE
#
JOB #3 'QUEMAN' PUT ONLINE
DETACH/PRIORITY:0
DETACHING^C
HELLO 1/10
PASSWORD:
JOBS 2 3 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
2 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT


>RUN SY:(1,7)SPOOL
SPOOL    V7.0-07A      RSTS V7.0-07 * NIKA CORP *
#LP0:/HEAD:1
DETACHING...
```

```
^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
3 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,7)BATCH

JOB #4 'LP0SPL' PUT ONLINE
BATCH   V7.0-07B           RSTS V7.0-07 * NIKA CORP *

MESSAGE            1 : 12-NOV-80 01:26 PM  JOB:3  DET    QUMRUN[1,10]
          LP0SPL (4) PUT ONLINE
#BA0:/ERROR:FATAL/NOQUEUE/NODELETE
DETACHING...



ATTACHING TO JOB 1
DETACHING...



^C
HELLO 1/10
PASSWORD:
JOBS 2 3 4 5 ARE DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
4 OTHER USERS ARE LOGGED IN UNDER THIS ACCOUNT



>
JOB #5 'BA0SPL' PUT ONLINE

MESSAGE              2 : 12-NOV-80 01:27 PM  JOB:3  DET    QUMRUN[1,10]
          BA0SPL (5) PUT ONLINE
RUN $UTILTY
UTILTY  V7.0-07B           RSTS V7.0-07 * NIKA CORP *
#CCL ATT-ACH=$LOGIN.*;PRIV 30000
#CCL ATP-K=$ATPK.*;PRIV 30000
#CCL BCK-=$RMSBCK.TSK;0
#CCL BPC-REF=$BPCREF.*;30000
#CCL BYE-=$LOGOUT.*;PRIV 0
#CCL CNV-=$RMSCNV.TSK;0
#CCL CRE-ATE=$EDIT.*;30000
#CCL DEF-=$RMSDEF.TSK;0
#CCL DFN-=$RMSDFN.TSK;0
#CCL DES-=$RMSDES.TSK;0
#CCL DIS-MOUNT=$UMOUNT.*;PRIV 30000
#CCL DI-RECTORY=$DIRECT.*;PRIV 30000
#CCL DSP-=$RMSDSP.TSK;0
#CCL DTR-=$DTR.TSK;0
```

```
#CCL EDT-=$EDT.TSK;0
#CCL ED-IT=$EDIT.*;30000
#CCL FIT-=$FIT.*;PRIV 30000
#CCL HELLO-=$LOGIN.*;PRIV 0
#CCL HELP==$HELP.*;PRIV 30000
#CCL IFL-=$RMSIFL.TSK;0
#CCL LBR-=$LBR.TSK;0
#CCL LIBR-=$LIBR.SAV;8208
#CCL LIN-K=$LINK.SAV;8208
#CCL LOG-IN=$LOGIN.*;PRIV 0
#CCL MACR-O=$MACRO.SAV;8216
#CCL MAC-=$MAC.TSK;0
#CCL MAK-E=$TECO.TEC;0
#CCL MOU-NT=$UMOUNT.*;PRIV 30000
#CCL MU-NG=$TECO.TEC;0
#CCL PAT-=$PAT.TSK;0
#CCL PIP-=$PIP.SAV;8208
#CCL PL-EASE=$PLEASE.*;PRIV 30000
#CCL QU-EUE=$QUE.*;PRIV 30000
#CCL RST-=$RMSRST.TSK;PRIV 0
#CCL SE-T=$TTYSET.*;PRIV 30000
#CCL SRT-=$SORT.TSK;0
#CCL SU-BMIT=$QUE.*;PRIV 30000
#CCL SW-ITCH=$SWITCH.*;PRIV 30000
#CCL SY-STAT=$SYSTAT.*;PRIV 30000
#CCL TE-CO=$TECO.TEC;0
 #CCL TKB-=$TKB.TSK;0
 #CCL TY-PE=$TYPE.TEC;8
 #CCL UT-ILTY=$UTILTY.*;30000
 #EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
DETACHING...


^C
HELLO 1/2
PASSWORD:
JOB 1 IS DETACHED UNDER THIS ACCOUNT
JOB NUMBER TO ATTACH TO?
1 OTHER USER IS LOGGED IN UNDER THIS ACCOUNT



>RUN SY:(1,2)UTILTY
UTILTY   V7.0-07B         RSTS V7.0-07 * NIKA CORP *
#REMOVE LOGICAL LB
#ADD LOGICAL SY:(1,1)LB
#EXIT
>BYE/F
```

```
ATTACHING TO JOB 1
RUN SY:(1,6)ERRINT
100
NO
>
ERRINT   V7.0-07 RSTS V7.0-07 * NIKA CORP *
ERRLOG FILE IS 2% FULL
CHANGE SIZE TO < 100 >?
UTILIZE CRASH FILE OUTPUT (YES/NO) <NO>?
DETACHING . . .
```